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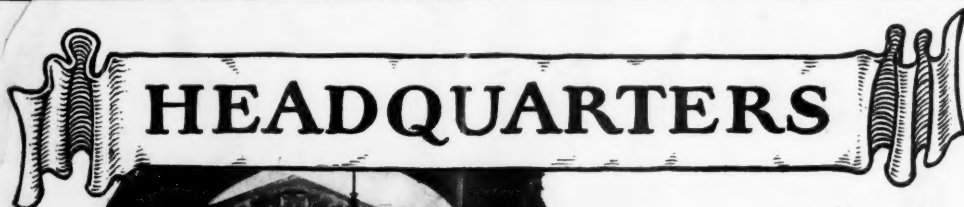
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A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

VOL. XVII

NEW YORK JULY 1, 1925

No. 1



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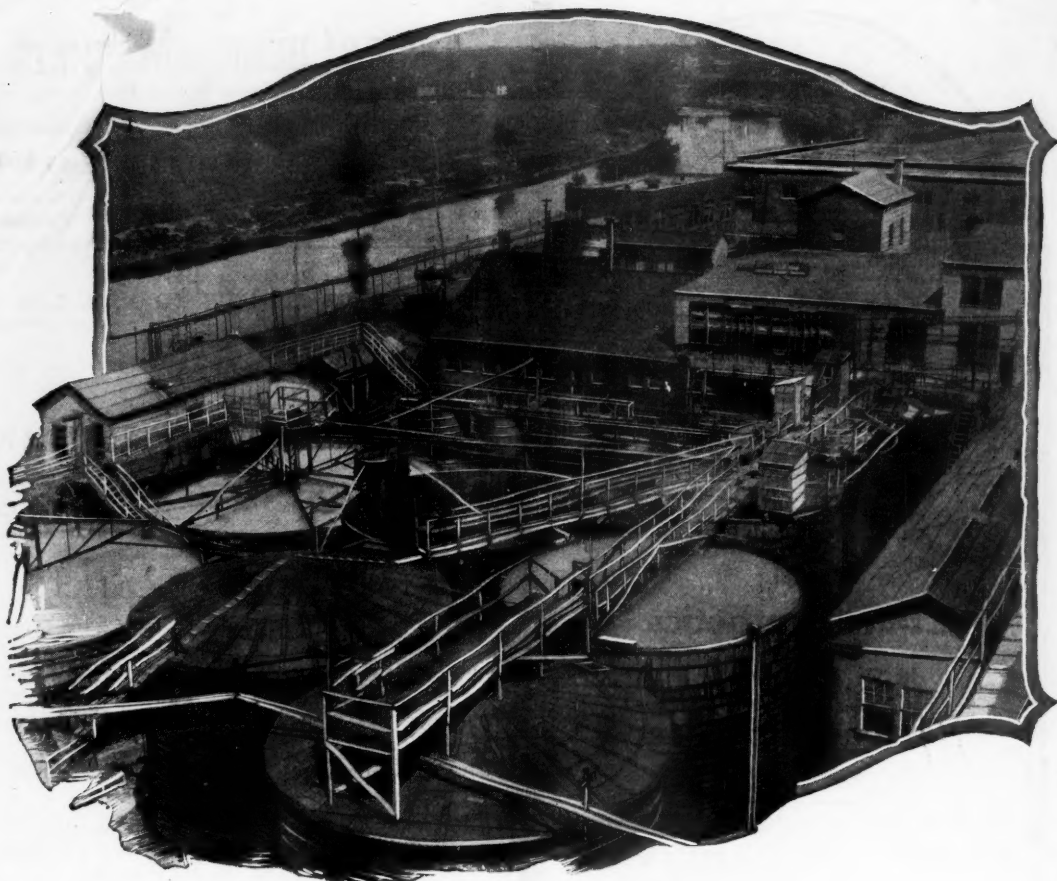
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VOL. XVII

No. 1

The Week in Brief

News

Suzuki & Co., of Tokyo, Japan, are to discontinue several subsidiary companies temporarily, at the request of creditor banks in order to curtail expenses.

Calcium cyanide has been put to new uses as an insect and rodent control, according to Frank J. McCullough, of American Cyanamid Co.

T. H. Quinn & Co., of Olean, N. J., give their opinion of synthetic methanol from the wood chemical producer's viewpoint, and discuss the effect on acetate of lime, wood tars and oils and hardwood charcoal.

Notice is being sent to chemical manufacturers that many patents expire this year when the 20 years protection under the General Trade Mark Act, which went into effect in 1905, comes to an end, and renewals are necessary.

The Reorganization of the Prohibition Unit involves the appointment of a First Assistant Administrator with a staff of trained pharmacists and chemists, and a Second Assistant with trained criminal investigators and detectives.

Markets

Arsenic sells at lowest price in ten years. Other heavy chemicals easy and quiet. Steady movement of soda ash and caustic soda on contracts.

Firm active market continues to be reported in light oil distillates. Demand for intermediates shows a slight improvement on small orders.

Strong market continues for vegetable and animal oils with prices fairly well maintained. Fish oils remain quiet but firm.

Fine chemicals have maintained their steady tone with trading continuing in small lots at unchanged prices practically throughout the list.

Crude drugs have shown no unusual activity with the summer slackness in demand well in evidence. Chamomile flowers are continuing to advance and rhubarb is stronger. Few other changes of importance.



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For a number of years, these manufacturers
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Eli Lilly	Norwich Pharmacal Co.
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MATHIESON Chemicals

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Drug markets

DRUG & CHEMICAL MARKETS

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RAILROAD POLICING OF ALCOHOL

Owing to what is purported to be an unusually heavy risk from theft, the Eastern railroads through the Trunk Line Association, which embraces all lines east of Buffalo and Pittsburgh, propose to place a charge of twenty-five dollars per car for policing all shipments of non-beverage and denatured alcohol which require a Government permit to move the shipment. The proposed charge of twenty-five dollars is payable, not only at destination, but also at point of shipment, making a total of fifty dollars per car to be added to the present cost to alcohol consumers.

A sharp protest from the alcohol producers has been filed with the Chairman of the Trunk Line Association, R. M. Collyer, 143 Liberty street, New York, stating that the extra charge is both unnecessary and unwarranted. A request for a public hearing has also been made on behalf of producers and users before the Association comes to any definite decision.

This case merely indicates the point of view of officials generally toward alcohol, no matter where, when, or how it is being produced, shipped or used. The belief is very common that everybody who has anything to do with alcohol, is making tremendous profits and that a few dollars here or there added to the cost will not make a great deal of difference. It is the old story of Congress and the state legislatures; when in need of money, make alcohol pay the bill. This extra policing charge of about a cent per gallon is in this same arbitrary class. Carriers lose thousands annually in thefts on every conceivable type of freight, alcohol included. If thefts of alcohol were outstandingly alone, the matter would be far different, but every valuable shipment is subject to the same risk. A united protest by alcohol consumers to the Chairman of the Trunk Line Association is distinctly in order at the moment.

BEWARE OF PIRATES

Pirates are watching American manufacturers of chemicals and pharmaceuticals whose trade marks are valuable, and imported, as well as domestic products, may appear on the market this year in competition with standard goods of American make, owing to the expiration of the trade mark protection guaranteed for 20 years from 1905 when the Trade Mark Act went into effect. Few manufacturers have taken precautions to ob-

tain a renewal, according to officials of the Patent Office. Neglect to do so will bring numerous suits, probably, but the Commissioner of Patents gives warning that the failure to apply for a renewal will make it difficult for any manufacturer to prevent the pirating of his products.

Owners of valuable marks patented them during the first year the General Trade Mark Act was in effect. The expiring dates fall on various months this year, according to the date of filing, and it is known that foreign manufacturers are awaiting the opportunity to put similar goods on the market in case the patents are not renewed. American manufacturers are being notified by the secretaries of trade associations, notably the members of the Chicago Perfumery, Soap and Extract Association to whom a special circular has been mailed by W. L. Filmer. The warning says there will be no recourse where failure to renew can be shown by the pre-emption of the trade mark.

THE OUTLOOK IN PEPPERMINT OIL

"Judging from the condition of the crop as we see it at the present time, there will be another short crop of peppermint oil this year. Last year's distillation of oil was about a hundred thousand pounds short of the yearly requirements of American consumers and the export trade. This year, the shortage may be even greater than this. A year from today, we look for a peppermint market higher than present prices. Frost, dry weather, and wind storms have played havoc with the plants this year. Apparently, everything has been against a big crop."

This statement by a country factor in peppermint oil gives what he believes to be a true picture of the situation this year. He stated that a 600,000 pound yield of oil this season was out of the question when the condition of the peppermint plants is taken into consideration. His estimate, as near as anybody can judge at this stage of the game, was between three and four hundred thousand pounds. He said the yearly requirements average in the neighborhood of a half-million pounds, but would probably be somewhat less than this for the ensuing year owing to the high price. In short, he stated that the production of oil would not be large enough to take care of the demand.

With a shortage of peppermint on the horizon, if the reported conditions are at all borne out by

later developments, the need for Japanese peppermint oil in this country is more strongly emphasized than ever. For all practical purposes, its importation is now barred out by the Department of Agriculture, but, in view of the acute shortage of American oil, the Department should lift the ban if it has the true interests of the large group of consumers at heart. This would give those who wish it, the opportunity to buy a peppermint oil at a comparatively low price, whereas those who choose to pay eighteen or twenty dollars for the American oil, could continue to do so. The peppermint factor mentioned above admitted that the American grower would not be able to take care of the demand this year for the second time. Then, why penalize the consumer? Why not take the word of the country authority and start cutting the red tape in Washington now?

Prior reports have indicated that the acreage planted this year was anything from fifty to seventy-five per cent greater than 1924. In 1924, the plants were badly blighted, according to the reports, and this cut the yield down. The damage this year will have to be very severe to reduce the yield to the level of last year. Of course, the peppermint folk are quite independent after the money which they made on the 1924 crop, and are almost in a position to make the weather do their bidding when it comes to producing and marketing the 1925 oil production. At any rate, the tip is out that consumers are going to pay not less than twelve nor more than twenty dollars for their peppermint during the next year.

PROHIBITION FANATICS CURBED

The division of the Prohibition Unit into two distinct departments, one to control the permissive work in charge of an assistant administrator who will have a staff of trained pharmacists and chemists, and a second department upon which will devolve the enforcement of the law against criminals, will be welcomed by the chemical and drug trade if the purpose of the reorganization is to give authority to men who are experienced in the uses of alcohol in the industries. The main differences between the trade and the agents employed by Major Roy A. Haynes, have arisen from ignorance of the chemical needs of manufacturers, and the uses of industrial alcohol in the arts.

With chemists in charge of this work the trade will benefit in many ways. Permits will be acted upon more promptly, and the attitude of suspicion which has marked the enforcement under the old regime, will disappear. A feature of the reorganization is the plan to make the positions of administrator and assistant administrator attractive financially to men of high standing whose services in the industrial alcohol field have made them valuable and who would not accept the position at the salaries paid today. It is announced that the duties of Commissioner Haynes and his staff will be more supervisory and less administrative

than heretofore, which will please a majority of those holding permits.

The division of the country into twenty-two Federal Districts whose boundaries are the same as the Federal Judicial Districts. The size of the Prohibition districts was determined by the amount of permissive work to be done and the difficulties of enforcement. New York includes the Southern and Eastern Districts of New York and Connecticut. In each district will be an administrator. He will have a First Assistant whose duties relate to the issuance of permits, and a Second Assistant whose work will include the suppression of bootlegging. The Second Assistant will work in close co-operation with the United States attorneys.

Credit is due the Alcohol Advisory Committee for many changes in the regulations to lighten the burden of the wholesale drug trade and of the manufacturers who use industrial alcohol in quantity. The conferences held since the appointment of this Committee have resulted in numerous amendments of the Prohibition Unit's rules, one of the most important of which is said to relate to Regulation 61, proposed by the Prohibition Unit. The Committee has carefully analyzed the proposed Regulation and suggestions made by members at a recent conference in Washington are now before Assistant Secretary of the Treasury Andrews for consideration. Judging by the reorganization plan just announced the chances of their being approved seem to be very promising.

Science and Sales

The following solvents for the extraction of vanilla beans were found most effective in order as given: 65% ethyl alcohol, 95% ethyl alcohol, 91% iso-propyl alcohol, U.S.P. acetone, U.S.P. ether, and carbon tetrachloride.

To avoid loss of vitamin content, foods are now desiccated under reduced pressure in an atmosphere of carbon dioxide, according to patent number of 1,536,291.

Sodium arsenite is reported to be more effective and cheaper as a killing agent in grasshopper baits than is white arsenic. The mix contains one part of commercial sodium arsenite, containing 50% white arsenic, to 100 parts of bran.

Blue mold rot in oranges and lemons can be effectively controlled by treating the fruit with a two and one-half per cent borax solution at 120 degrees Fahrenheit for eight minutes. Green mold is not so well controlled by this same process.

A disinfectant has been patented in the U. S. No. 1,536,343, which contains ortho-hydroxydiphenyl mixed with a hydrocarbon oil and soap.

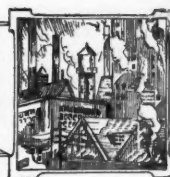
Crystalline iodine, reported to be readily soluble in water and castor oil, is made by treating an acidified solution of hydroiodic acid with a solution of chlorinated lime, according to Patent No. 1,535,450, issued to W. L. Chandler.

A grease-proofing material for use on sweat bands of hats, made from nitrocellulose in acetone, amyl acetate, butyl acetate, or similar solution and with which the material of the band is thoroughly impregnated, is being used with success in England.



Industrial Chemical

SECTION



Calcium Cyanide as an Insecticide

Slow Liberation of Hydrocyanic Acid Gas In Its New Uses as an Insect and Rodent Control

By FRANK J. McCULLOUGH, American Cyanamid Co.

The rapidity with which calcium cyanide has become an important factor in the control of various agricultural pests has aroused considerable interest in this chemical among agricultural workers. Not only is the farmer actively interested, but also the technical workers in experiment stations and Government laboratories are interested in working out new applications for this chemical. Calcium cyanide is an insecticide and rodenticide which acts in a novel way as its toxic action depends upon the liberation of hydrocyanic acid gas. When exposed to the air, the moisture normally present in the atmosphere reacts with calcium cyanide to produce hydrocyanic acid gas. After the gas has been evolved, a harmless residue composed for the most part of ordinary slaked lime is left. This point is of importance to farmers and agricultural workers for poisonous residue from other insecticides have often caused losses among live stock.

Hydrocyanic acid gas has long been accepted as an effective insecticide and rodenticide, but up to the present the methods of generating the gas have been so cumbersome and dangerous that its acceptance, except in isolated cases, has not been at all general. The former method of generating hydrocyanic acid gas was to use sodium cyanide and sulfuric acid. This gave a rapid evolution of gas. The inconvenience of handling a strong acid and the cumbersome equipment necessary to generate hydrocyanic acid gas by this method restricted its use to experts trained in this line of work. Calcium cyanide, on the other hand, is easy to apply and no special training in its use is required for successful application.

Effective on All Types of Insects

Previous to the advent of calcium cyanide, agricultural insects for control measures were divided roughly into two classes, biting and sucking. For a biting insect, a stomatic poison was necessary, that is a poison that actually entered the stomach of the victim and caused death in this way. For sucking insects that penetrated the tissues of a plant and sucked the plant's juices, a contact poison was necessary, one that would kill upon contact with the body of the insect. As the cyanide acts by liberating a gas which the insect breathes, it is equally efficient upon either biting or sucking insects.

One of the classes of agricultural pests that cause a large loss annually are the various species of rodents. These include the common rat and mouse with which nearly every householder is familiar, as well as certain rodents which become an economic pest only in restricted localities. In the Eastern States there are the woodchuck and mole which are distributed over the Atlantic Seaboard. In the Middle West we have the same woodchuck except that he is generally referred to in that section of the country as a groundhog. The treatment for the woodchuck or groundhog is simple

in the extreme as a heaping tablespoonful of the material is placed in the openings to the burrow. The gas then penetrates through the runway of the burrow and the animal is gassed to death. Other rodents in the United States which have been successfully controlled with calcium cyanide are the prairie dogs, pocket gophers, salamanders and ground squirrels. In the Northwest, it is a common practice to have a ground squirrel day in which the whole county co-operates to rid the county of this pest with cyanide. Stores and offices are closed, and under the organization of the county agricultural agent everyone gets out in the field to help the farmers rid their lands of this rodent. In this way a holiday is combined with a practical purpose and considerable work of economic importance is done while everyone has a good time.

Used Against Rabbits and Rodents

It is not in the United States alone that calcium cyanide has been used for rodent control work. In the Commonwealth of Australia, rabbits have become a very serious agricultural pest. No method was found that would effectively and economically control the rabbits until calcium cyanide was introduced in that continent. Tons of material are used each year to eradicate the rabbits, and the effects have already been noted in reducing the ravages of rabbits in that outpost of the British Empire. When we turn to the field of insects, the variety of applications of calcium cyanide all over the world is a strong indication that it is truly the first effective all-round agricultural insecticide.

In Citrus Fumigation

In Florida, California, South Africa, Spain and Australia, the cyanide is used for the fumigation of citrus trees. The method that has met with most success is to introduce the calcium cyanide under a tent thrown over the trees. This method gives practically 100% control of the various insects that attack citrus trees. In the northern sections of the United States, calcium cyanide has proven an effective control against the apple aphid and pear psylla when applied in the open with a power dusting machine.

In California and the Eastern vineyard sections, calcium cyanide has given an effective control against the grape leaf hopper. An effective control method for this serious pest on grapes has been sought for many years by the Department of Agriculture. On truck crops and melons various forms of aphid appear which have yielded to treatment with the cyanide.

Greenhouse Technique

Fumigation in greenhouses has long been a troublesome problem to the grower of flowers, hothouse fruits and vegetables. The Department of Agriculture for many years attempted the introduction of hydrocyanic acid gas generated with sodium cyanide and acid in fumigating pots. This method gave so high a con-

centration of gas that serious injury to tender plants often resulted. This was also a dangerous and very troublesome method for the greenhouse man to use. Now the greenhouse worker merely scatters calcium cyanide along the walks of his greenhouse for an overnight fumigation and the work is done with gratifying results and low cost.

In Central and South American countries for years a control method has been sought for the leaf cutting ants. This ant, which is known by many different names in the different countries, builds deep underground nests and in one case it is said that the ant tunneled under a river. This ant has been a source of trouble in that its nests undermine the foundations of buildings often causing walls to crack seriously. The difficulty in obtaining a control measure against the leaf cutting ants has been to obtain a material that would penetrate through the underground passages of the ant's nest. Calcium cyanide is now used extensively and is pumped into the openings of the nests with a hand duster. The cyanide penetrates through the subterranean passages of the ants and obtains a kill of all the ants in the nest at the time.

Control of the Chinch Bug

In the corn belt states a serious pest attacking corn is the chinch bug. The chinch bug lives in the wheat fields up to the time the wheat is cut, and then migrates into the corn fields where it destroys the corn with heart breaking rapidity. The method of control, in general, is to place calcium cyanide in a trench along the edge of the corn fields, and when the bugs migrate they are gassed to death by a strip of cyanide placed in this trench. This method has proved a boon to the corn growing states and many tons are used yearly for the control of this pest.

The importance of insects, grubs, wire worms and nematodes that inhabit the soil as economic agricultural and greenhouse pests has long been admitted. The difficulty of control of soil inhabiting pests is that they are very difficult to reach with a poison that makes their control an economic possibility.

Calcium cyanide placed in the soil liberates the hydrocyanic acid gas which permeates through the air spaces of the soil and gives an effective control of many different types of these subterranean insects. One instance can be given of June beetles or grub worms which have long been a source of exasperation to the green's committee of many golf clubs. The smooth beauty of many golf greens on progressive clubs can be laid to the ease of control with which Cyanogas got rid of the grubs. Many a golfer can give thanks that calcium cyanide has enabled his club to take pride in the appearance of its greens.

Method of Manufacture

To obtain calcium cyanide, lime and coke are fused in an electric furnace at a temperature of 4,000° F. The resulting product is calcium carbide which is well remembered by the early automobilists who used the smelly gas calcium carbide generates to light their automobile lamps. The calcium carbide is then ground and again heated in an electric furnace at 2,000° F. at which time nitrogen, obtained by the fractional distillation of liquid air, is passed over the heated mass. This produces cyanamid, which when further treated in an autoclave produces calcium cyanide.

The rapid introduction of calcium cyanide for the control of various agricultural pests has been possible only through the close co-operation and interest taken in this material by Government entomologists, horticulturists and other agricultural field workers. Lengthy

and exhaustive experiments have been run testing out the different applications where this cyanide shows a possibility of doing effective work. The most effective evidence of the fact that calcium cyanide is efficient and has met tests required of it, is that in the short space of three years, it has obtained probably a wider distribution and is used for more purposes than any other insecticide now on the market.

FRANCE PRODUCES 340,000 TONS BAUXITE

The annual production of bauxite in France has been running well above 300,000 metric tons, attaining 340,000 tons in the calendar year 1924. Exports have amounted to 167,081 tons in 1922, and 192,508 tons in 1923, and 202,534 tons in 1924. During the first months of 1925 exportation was less than during the same period of 1924, the January and February total being less than two-thirds of the total for those months in the preceding year. This is not peculiar to bauxite, however, a similar or more marked decrease showing in the exportation of all other non-ferrous metals.

The principal countries of destination for the exported bauxite are Switzerland (for the great factories at Neubausen), Great Britain (principally for the "British Aluminum Company" in Scotland) and Germany, Norway, Italy and the United States for smaller amounts in approximately the order named.

CHEMISTS WILL DISCUSS METHANOL

A symposium on insecticides and fungicides will be held during the meeting of the American Chemical Society at Los Angeles in August. Charles M. Smith, research chemist of the Department of Agriculture, Washington, D. C., will preside. Prof. Walter H. Dore of the University of California will be chairman of a session on "Pectin."

German competition with the American wood alcohol industry, the progress of dyes in treating disease, developments in the quest for a new and cheaper motor fuel, reform in the teaching of chemistry in the nation's high schools and colleges and the expansion of chemical science in industry will be among the topics discussed at other sessions, according to an announcement by the President of the Society, Prof. James F. Norris of the Massachusetts Institute of Technology.

Coal consumption figures signify that business suffered the usual seasonal decline in May although many firms used more coal than in May, 1924. The majority, however, used less than in that month last year, according to a report by the Coal Committee of the National Association of Purchasing Agents. The daily industrial consumption for May, 1925, was about 5% less than May, 1924.

Dow Chemical Co. has been awarded the contract by the Bureau of Supplies and Accounts of the Navy Department for furnishing 22,100 pounds of ethyl chloride at \$5,065.90, bids for which were opened on June 23.

The Advertising Club of Greensboro, affiliated with the Associated Advertising Clubs of the World, has been formed at Greensboro, N. C., with H. S. Richardson, president of the Vick Chemical Co., at its head.

Dow Chemical Co. has been awarded a government contract for 5,000 pounds hexachlorethane at 33c lb.

W. F. George Chemicals has filed judgment in New York County for \$280.49 against C. M. Childs & Co.

Sees Propaganda in Methanol Talk

Wood Chemical Producer Says Wood Distillation Industry Is Necessary for Supplying Basic Chemicals Needed in a Variety of Dependent Industries—If Wood Alcohol Is Eliminated by the Synthetic Product All Other Wood Chemicals, Acetate of Lime, Wood Tars and Oils and Hardwood Charcoal Also Will Be Eliminated—Forests Not Destroyed, Only Waste of Lumber Camps Being Used

Editor, DRUG & CHEMICAL MARKETS:

We noted with interest your editorial, "The Market for Chemical Lemons." Of all of the periodicals and newspapers coming to our attention, your publication has, in our estimation, taken the most conservative view of the threat from German synthetic methanol; by this we mean that you have not jumped to untimely conclusions, but have endeavored to give the matter the sane analysis that its industrial importance deserves. You have, we feel, realized that the wood distillation industry is a necessary one for supplying basic chemicals which are needed in a variety of dependent industries. You aptly describe the present methanol problem as "hysteria," which seems from the irresponsible articles printed to border on propaganda.

It seems that anyone feels qualified to make a play on words and write an article on a subject which is foreign to them and which they fail to investigate before giving their views. We believe that generally the following facts are lost sight of by the general trend of writers: That the wood distillation industry produces not simply methanol but in addition thereto acetate of lime, wood tars and oils, and hardwood charcoal.

Eliminate methanol by competition and the rest are automatically eliminated. Where then will methanol (synthetic) meet with competition? Where will synthetic acetic acid meet with competition? Where will fermentation acetone meet with competition? Will wood tars used in the manufacture of rubber be manufactured synthetically? Will wood oils used for preservatives and solvents and in the manufacture of creosote, USP, and glacial, USP, be manufactured synthetically? Will that much used carbon, known as hardwood charcoal, be made synthetically? They may be but until they are, dependent industries will be without their charcoal and creosote, guaiacol and tar will be imported; the trade will depend on synthetic acetic acid, synthetic methanol, and fermentation acetone. Remove the healthy competition, furnished by the Wood Distillation Industry, on these products and do you think the prices will remain at their present low level? We believe not.

The importance of wood distillation products during the late war was evidenced by the fact that it was the first industry commandeered by the War Department, and such commanding was still in effect when the war ended. Through the destruction of the industry by failure to accord it necessary protection, this wartime adjunct would not be available. Facts, still to be proven by the Treasury Department, indicate that Germany, by a working agreement with its wood distillation plants, is holding up the price of methanol within its own boundaries. This is evidently done either to protect the capital invested or to preserve the industry as a necessity.

Certain writers are harping on what they call lack of

progress in the industry by failure to conduct research work. This is not true and such assertions are put forth as facts through ignorance of the conditions and the work that has been done along progressive and research lines. Individually and collectively, both within the industry and outside of it, research has been conducted and material results have been attained. Not to the point it is true where an effort was made to replace by synthesis one of its natural products but by endeavoring to increase production, to lower costs, to study its by-products and find new and broader markets for them.

Writers point with glee to the synthetic methanol being the means of saving our hardwood forests. Again they blind themselves to facts and try to write what is plausible and appealing. They evidently do not know that the U. S. Federal Foresters consider the wood distillation plants their allies in not only using waste timber but in clearing the land of this waste and reducing the danger of destructive forest fires; nor do these writers evidence a knowledge that the large percentage of hardwood is manufactured into lumber, railroad ties, etc., and that the small part is used in the distillation industry and this small part is the waste, consisting of tops, limbs and unmerchantable logs. This industry is not the destroyer of forests but the "scavenger" working behind other industries and utilizing what they leave. We are addressing you thinking, that as you have been handling the subject, that the views of a company operating nine wood distillation plants might be of interest to you.

Olean, N. Y.

June 16, 1925.

T. H. QUINN
M. M. QUINN
General Manager.

METHANOL IMPORTS JUMPED IN MAY

Imports of methanol into the United States for the first five months of 1925 compared with the entire year 1924, were as follows, the month of May showing another jump to 115,120 gallons:

		Gallons	Value
Entire year	1924	48	\$ 29
January	1925	40	26
February	1925	62,971	29,420
March	1925	69,886	26,976
April	1925	9,012	5,201
May	1925	115,120	52,917

March, April and May imports cover four principal Atlantic Coast customs districts.

WILL NOT SHIP SULFITE DURING SUMMER

Mallinckrodt Chemical Works, St. Louis, have sent the following notice to the trade: "We would remind you that crystalline salts such as sodium sulfite crystals, sodium sulfate crystals and granular, and sodium carbonate crystals and granular, containing a large amount of water of crystallization, are likely to melt during extremely hot weather, thereby becoming unsalable themselves and frequently causing damage to other material with which they may be shipped. We have, therefore, decided to omit the above, both crystals and granular, from all orders until such time as the temperature will permit of their being safely transported. Dealers having such goods in stock should see that they are stored in the basement or other reasonably cool place."

The Heavy Chemical Market

Current Spot Quotations for Heavy Chemical pages 30-48

ALKALI MAKERS REPORT HEAVY DEMAND

Seasonal Decline Not as Great—Bleach and Chlorine Firm—Arsenic Declines Further—Sodium Nitrate Unchanged—Sulfuric Acid in Greater Demand—Copper Sulfate Steady—Barium Salts Unchanged—Tin Salts Up

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
No Advances
Declined
Arsenic, $\frac{1}{4}$ c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre.
Acetic Acid, Glacial ..lb.	.10	.10	.10	.11	.19	.07
Sulfuric Acid, 66 deg..ton	14.00	14.00	14.00	14.00	55.00	20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.75	2.60	7.50	2.65
Bleaching Powder, 100lbs.	1.90	1.90	1.90	1.90	9.50	1.90
Copper Sulfate, c/1 100lbs.	4.55	4.55	4.65	4.65	20.00	4.50
Potash, Caustic, Imp...lb.	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.06 $\frac{3}{4}$	.37	.38
Soda Ash, 58 p.c....100lbs.	1.94	1.94	1.94	1.94	1.50	.60
Sodium Soda, 76 p.c.100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate lb.	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.09 $\frac{1}{2}$	.65	.06 $\frac{1}{2}$
Sodium Prussiate, Imp. ..	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.09 $\frac{1}{2}$	1.25	.18
Average	2.916	2.916	2.926	2.912	10.79	2.99

Alkali manufacturers report that the demand for their products is holding up far better than had been anticipated with the approach of the Summer season. Shipments for June are reported to have reached a total equal to that of May while in other years June is generally below May in volume. Prices on the entire list of industrial chemicals remain firm, but distressed lots of imported products continue to hold a number of items at very low levels. Mineral acids are moving steadily and a sharp increase in demand from rubber reclaimers is reported for sulfuric acid. The bleach and chlorine markets are firm in all quarters and stocks are not large enough to cause any concern to makers during the warm weather. Considerable interest is present in arsenic which continues to move downward as any likelihood of a large consuming demand becomes more and more remote; and those who are in need of supplies for the future are still watching for bottom to be reached. Salt cake is much firmer and distressed lots are nowhere to be found. Manufacturers are of the opinion that the demand for chemicals will continue to decline and that the low point will be noticed during the latter part of July and the first part of August.

Acetone—Market remains firm and quotations from fermentation and acetate of lime makers are unchanged.

Acid Acetic—Steady movement of supplies reported by makers who are firm in their quotations.

Acid Formic—Quotations firm at recent figures although competition is rather sharp for business.

Acid Oxalic—Very firm condition continues and imported is not obtainable under 11c@11 $\frac{1}{4}$ c lb. Domestic makers quote 10 $\frac{3}{4}$ c@11c lb. at works or New York.

Acid Sulfuric—Increased demand reported by makers

owing to sharply increased activity on the part of rubber reclaimers. Prices are unchanged.

Alum Potash—Imported material remains firm at \$2.75@2.87 $\frac{1}{2}$ 100 lb. Domestic makers continue to report a heavy demand and quote unchanged prices.

Ammonium Chloride—Imported products are still quoted at low prices but attempts to shade the existing market have not been successful. Imported white is held at 5 $\frac{1}{2}$ c@5 $\frac{3}{4}$ c lb., and gray at 6 $\frac{1}{2}$ c@6 $\frac{3}{4}$ c lb.

Arsenic—Market remains weak and unsettled. The outlook for a consuming demand is very remote and factors are not anticipating any market for the present season. Spot imported material is quoted at 4c@4 $\frac{1}{2}$ c lb. as to holder, and goods were sold at the lower figure during the week. A lot of 50 tons is reported to have changed hands at 3 $\frac{3}{4}$ c lb. and this is the price at which most bids are being made although if goods are offered at this price the next bid will probably be lower.

Barium Salts—Chloride is in large supply but prices remain at \$60.00@\$62.00 ton for spot goods although slightly less was done during the week for goods ex-dock. Carbonate is easy at \$48.00 ton for shipment and ex-dock, and \$50.00 ton for goods ex-store.

Bleaches—Bleach market remains firm in all quarters due to small stocks in makers' hands during the warm season. Chlorine is moving in large volume at unchanged prices and no accumulation of stocks is reported.

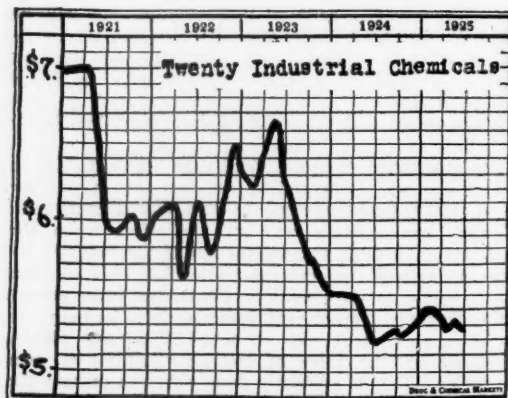
Copper Sulfate—Market fairly steady due to heavy shipments. Prices are being shaded in some quarters, however, and recent low prices are still possible.

Epsom Salts—Imported material obtainable at recent low prices and very little is changing hands. Domestic makers are quoting firm unchanged prices.

Glauber's Salt—Domestic makers report a good demand with only a seasonal decline in the volume moving. Imported material remains weak.

Potassium Chlorate—Market very firm and domestic and imported products are quoted at unchanged figures.

Soda Ash—Heavy movement of supplies against



contracts reported and no variation in prices is noted in any quarter.

Soda Caustic—Market firm in all directions and makers report a demand equal to their output.

Sodium Nitrate—Quotations are unchanged and spot material is quoted at \$2.57½ 100 lb. July shipment is quoted at \$2.54, and August at \$2.55.

Sodium Prussiate—Domestic makers quote firm unchanged prices of 10¼¢@10¾¢ lb. as to quantity. Imported material is obtainable in one or two quarters in limited amounts at prices equal to or slightly above domestic prices.

MUSCLE SHOALS ECLIPSED BY NIAGARA

Samuel S. Wyer, consulting engineer, in an address before the national convention of American Institute of Electrical Engineers held at Saratoga, N. Y., declared that if the treaty with Canada were amended to permit the fullest development of Niagara Falls power without destroying the scenic value 3,500,000 horsepower could be realized there, while the dependable output of the Muscle Shoals project is only 100,000 horse power. Mr. Wyer also stated that 25,000,000 horse power could be produced from other water power sources than Muscle Shoals.

When the Wilson Dam at Muscle Shoals is completed at the end of the year the United States will have invested \$49,000,000 in an output of 100,000 horsepower that is without transmission lines or a market, while any high grade steam plant will produce the same output for \$10,000,000 including a reserve equipment for emergencies.

Production of fertilizers must stand on its own feet as must power production, said Mr. Wyer, and there is no mysterious advantage in Muscle Shoals power. The power question must not be confused with the nitrate production for either fertilizers or munitions.

Iron and steel rusting and corrosion can be prevented by alloying the iron or steel with small amounts of copper according to reports on experimental work covering a period of nine years presented by J. H. Gilbert of Roanoke, Va., at the annual meeting of the American Society for Testing Materials held at Atlantic City last week. An extensive program is being undertaken to determine the proper coating to place upon iron and steel in order to prevent corrosion in that way.

Alexander Hoffman, former manager of the Baltimore office of H. J. Baker & Bro., dealers in fertilizer materials and chemicals, New York, who went to Wilmington, N. C., several weeks ago to establish a business for himself, has purchased the good will and property of Heide & Co., in that city, and will carry on its operations as a corporation to be known as Heide & Co., Inc.

Miss Lucy Phillips, for the past five years office manager for B. M. Spencer & Co., New York, has resigned to move with her family to Binghamton, N. Y. She has been associated with various chemical houses in the New York trade for twelve years.

Chas. Lennig & Co., Philadelphia, have been awarded a government contract for one tank car of sulfuric acid at 62¢ per 100 lbs.

James Good has been awarded a government contract for 600 packages of sodium bicarbonate at 6¼¢ pkge.

LONDON CHEMICAL PRICES DECLINE

Formaldehyde and Arsenic in a Critical Position—Acetone and Chlorates of Potash and Soda Firm

(Special Correspondence to DRUG & CHEMICAL MARKETS)

London, June 20—During the last few weeks the movements in prices of practically all chemical products have been in buyers' favor. The reductions have not been caused by cheaper costs of production or from comparative declines in quotations from the Continent, but are mostly due to lack of demand and exceedingly keen competition for business. Weak holders have depressed the market to some extent in making forced sales.

In industrial chemicals the poor condition of the textiles industry in Lancashire and Yorkshire accounts for lack of demand for chemicals. This smaller consumption together with lack of liquid capital is general. Despite the poor business the general tone is very steady, and with a revival of business prices of many items would advance sharply.

Formaldehyde and similar products are in a critical position. There is no business and prices are nominal, especially for hexamine, paraformaldehyde, etc.

Arsenic—Cornish material is meeting with very little business and stocks at by-product sources are accumulating. The price of £21 per ton, at mines is not an economic one for the mines and they are gradually closing down.

Chlorates—Germany is not offering and there is only French stuff obtainable and not very much of that. These items are likely to hold firm for some time.

Poor business and a fall in prices are reported in the following: Acetic acid, 80% tech., £39; 80% pure, £40; glacial 99-100%, £67; alum, lump, £9; ammonium chloride, grey galvanizing, £26 10s; arsenic, Cornish white powdered, £21, f.o.r. mines; oxalic acid, 3¼d per lb.; potassium permanganate, commercial, 6d; B. P., 7d per lb.; sal ammoniac, £22 to £38 as to grade. All per ton, spot, except where otherwise stated.

The following are fairly active and quoted: acetone, B.G.S., £75 to £76, and scarce; chlorates of potash and soda at 4¼d and 3d per lb., and very scarce.

EXPORTS OF SODIUM COMPOUNDS LARGER

Little change took place in the foreign trade in industrial chemicals during May, 1925, compared with May, 1924, according to the Chemical Division, Department of Commerce. About \$2,000,000 worth were exported and \$1,600,000 were imported. Larger amounts of ammonia and ammonium compounds, aluminum sulfate, bleaching powder, copper sulfate, dextrin and formaldehyde left the United States for foreign countries this May than a year ago. The quantity of sodas and sodium compounds exported rose from 26,453,000 pounds in May, 1924, to 29,057,000 pounds in May, 1925. The values dropped from \$730,000 to \$644,000.

Half as much white arsenic entered the country in May, 1925, as in the previous May, only 1,300,000 pounds, valued at \$83,000, having been received. Double the amounts of crude potassium bitartrate were imported during the current May than during May, 1925, totaling 1,836,000 pounds, valued at \$127,000.

A 15 per cent decrease in exports of fertilizers and fertilizer materials, and a 77 per cent advance in imports characterized the trade in this group, totals being, 124,000 tons, worth \$1,561,000 for exports, and 174,000 tons, worth \$7,226,000, for imports. The big increase in imports was largely due to the size of the incoming shipments of sodium nitrate which amounted to 135,000 tons, valued at \$6,190,000.

The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals pages 30-48

INCREASED DEMAND FOR INTERMEDIATES

Small Orders Noticeably Greater—Prices Unchanged on the Entire List—Makers Firm in All Transactions—Light Oil Distillates Remain Firm and in Heavy Demand—Naphthalene, Cresylic Acid and Phenol in Large Supply but Firm in Price

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
No. Advances
Declined
No Declines

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Benzene, pure	gal. \$.25	.25	.24	\$.24	\$.24	\$.25
Naphthalene flake	lb. .05	.05	.05	.05	.16	.03
Phenol Spot	gal. .24	.24	.24	.27	1.50	.08
Toluene	gal. .26	.26	.26	.26	1.40	.10
Aniline Oil	lb. .16	.16	.16	.16	1.40	.10
Alpha-naphthylamine	lb. .35	.35	.35	.35	1.28	..
Benzaldehyde	lb. .70	.70	.70	.75	..	..
Betanaphthol	lb. .24	.24	.24	.26	1.50	.08
Dimethylaniline	lb. .32	.32	.32	.36	1.30	..
Paranitroaniline	lb. .58½	.58½	.58½	.70	1.58	.18
Average	0.316	0.316	0.314	0.342	..	..

A further improvement in the number of small orders for intermediates is reported by manufacturers and, although the volume of products moving at the present time is small, a decided increase in consumption is anticipated for August. Manufacturers continue to carry large stocks of most items but nowhere has a break in price been noticed and business is being done strictly at quoted levels.

Light oil production is holding up quite well, but the demand remains heavy and prices firm at unchanged figures. The heavy movement of benzene into motor fuel quarters with the gasoline market in a firm condition will allow no easing off in prices for pure products. It also appears at the present time that if gasoline moves up at all benzene prices will immediately advance the same amount. Supplies of solvent naphtha and toluene are sufficient to supply the demand, but no accumulation of supplies is reported in any quarter. Naphthalene, cresylic acid and phenol pursue an unchanged course with stocks large but in fairly firm hands for the most part and prices are steady.

Crudes

Benzene—Strong demand holds in all quarters and distributors are quoting recent prices in all transactions. No easiness is in sight due to the continued strength of the gasoline market and its upward tendencies. If gasoline should advance it seems certain that benzene would follow immediately. Quotations are 24c gal. for tank cars of 90% at mills; and 29c gal. in drums; for pure 25c gal. for tank cars; and 30c gal. for drums.

Cresylic Acid—Market is well stocked and low-priced sellers continue to give rather low quotations while firmer hands are unwilling to compete at those figures. Quotations are still given over a wide range; pale acid 97-99% is quoted at 59c@64c; gal.; and dark 95% acid is named at 55c@60c gal.

Naphthalene—Only a fair demand reported for the current season but makers are quoting unchanged prices despite the large stocks on hand and the discouraging outlook. Flakes are named at 5c lb.; and balls at 6c lb.

Phenol—Large volume is moving although a seasonal decline has been noticed by makers. Prices are being well maintained in all transactions at unchanged figures.

Pyridine—Stocks somewhat reduced on spot owing to several large orders being filled during the week. Holders of stocks are firm at \$4.40@\$4.50 gal., drums included. Shipment is quoted firmly at \$4.30@\$4.35 gal.

Solvent Naphtha—Steady demand reported and no accumulation of supplies is noticed in any quarter. Prices are firm from all distributors at unchanged figures.

Toluene—Large request for material reported by distributors who report no inability to satisfy the demand but on the other hand report no excess stocks. Quotations are firm and unchanged.

Xylene—Active demand continues for all grades and factors report a very firm condition.

Intermediates

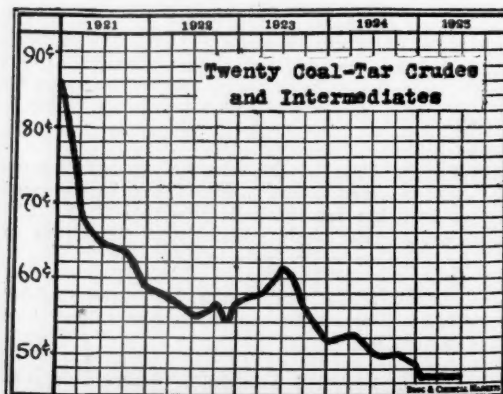
Acid Gamma—Light demand reported by manufacturers who quote firm unchanged prices.

Acid H—Large stocks are being held by makers although all transactions are taking place at firm unchanged prices.

Acid Laurent's—Fair request noticed over the week. Makers are quoting recent prices.

Aniline Oil—Supplies are plentiful and the demand is light. However, manufacturers are adhering strictly to their schedules in all transactions. The strong market for benzene has advanced the raw material cost considerably.

Benzidine—Orders are few and makers are competing sharply. However, prices are quoted at recent figures from all makers.



Dinitrobenzene—Market steady at unchanged prices and a fair demand is reported in most quarters.

Dimethylaniline—Quiet situation continues and the market is well stocked. Makers who are in possession of all supplies are unwilling to shade prices.

Meta-nitroaniline—Prices holding at recent figures in all quarters and only a slight routine request is reported.

Nitrobenzene—In small demand from manufacturers who are quoting firm unchanged prices.

Ortho-nitrotoluene—Sold-up situation continues in all quarters and quotations are nominal.

Ortho-toluidine—Nothing available from manufacturers and quotations remain nominal in all quarters.

Para-nitroaniline—Market easy and supplies large due to decreased demand. Makers are quoting prices firm at 58½¢@60¢ lb. as to seller and quantity.

Para-nitrotoluene—Large stocks available but makers are unwilling to shade quotations for small orders.

Para-toluidine—Nothing new in the situation. Makers remain in possession of more supplies than there is an outlet for but they are not willing to cut prices for the orders that are in the market.

GERMAN-BRITISH DYE PACT IS UP AGAIN

(Special Cable to Drug & Chemical Markets)

London, July 1—Another attempt to put through an agreement between the German I. G. and British Dyestuffs Corp. is contemplated. A reconstruction of the British company is taking place and the capital is likely to be reduced at least 50%, that is £1 shares will be revalued at 10s. They are not worth that on the market today. The turnover of the company in the last published report was less than half the amount of its capital. Strong opposition to the proposed agreement is again likely.

Importation of Reparation dyes from Germany by the Government has ceased, and efforts are being made to clear huge stocks to bidders at bargain prices.

KLIPSTEIN & CO. ISSUE FINANCIAL REPORT

A. Klipstein & Co., dyestuffs and chemicals, have issued an annual financial statement for the fiscal year ended Dec. 31, 1924, as follows:

Assets—Furniture, fixtures and tools, \$11,536; merchandise, \$787,707; notes receivable, \$28,511; accounts receivable, \$1,035,906; cash, \$22,487; securities, \$29,987; patent rights, \$31,670; advances, \$9,833; deferred charges, \$4,280; total, \$1,961,917.

Liabilities—preferred stock, \$460,700; common stock, \$500,000; acceptances, \$341,739; accounts payable, \$239,625; accrued expenses, \$21,513; reserves, \$169,000; surplus, \$229,340; total, \$1,961,917.

Ammonia from coke oven gases is being produced by a new method discovered by M. Fokin, a Lenin professor of chemistry, and M. Lider, engineer of the Koksbenzol Trust. Considerable economies, as well as increased production without injury to the apparatus, is claimed for the process.

Charles Davis, Jr., of Boston, died last week after a long illness. Mr. Davis was for several years a dyewood broker and when the Atlantic Dyewood Co. was formed became treasurer of that company.

The Bureau of Engraving and Printing, Washington, has awarded several annual contracts for dry colors.

NEW COMPANY RUNS RETZ DYE PLANTS

General Dyestuff Corporation Which Was Formed in March Takes Over H. A. Metz & Co., Consolidated Color & Chemical Co. and Central Dyestuff & Chemical Co.—B. A. Ludwig, Formerly Vice President of National Aniline Joins New Organization as Vice President—Company to Represent Cassella & Co.

General Dyestuff Corp., 122 Hudson st., acquired the dyestuff business heretofore carried on by H. A. Metz & Co., Consolidated Color & Chemical Co. and Central Dyestuff & Chemical Co., together with their stock of dyestuffs, and will in future act as the sole importer of the dyestuffs manufactured by Farbwerke, vormals Meister Lucius and Bruening of Hoechst a/M, Germany.

B. A. Ludwig, formerly vice president of National Aniline & Chemical Co., who was recently appointed the sole importer of the products manufactured by Leopold Cassella & Co., of Frankfurt, has joined General Dyestuff Corp. as vice president and director and brought to it the agency for Cassella Products.

Herman A. Metz is president of General Dyestuff Corporation.

In confirming the sale, H. A. Metz & Co. stated that Dyestuff Corporation would take over the branches of H. A. Metz & Co. in Boston, Providence, Philadelphia, Chicago, Charlotte, N. C., and San Francisco. The main office will be continued at 122 Hudson st., New York.

General Dyestuff Corp. was incorporated under the laws of New York, March 30 of the present year, by Herman A. Metz and associates.

NEW CHROME COLORS MADE BY DU PONT

E. I. duPont de Nemours & Co. are offering two new chrome colors, Pontachrome Fast Yellow GW and Pontachrome Fast Yellow RW, which it is claimed surpass in fastness to light those colors that are considered excellent in this respect. These products may be used with other light fast chrome colors for producing tans, grays, mode shades, and the like. Due to their excellent fastness and good level dyeing properties they are suitable for light and heavy shades on all kinds of woolen material, such as pieces, raw stock, yarn and slubbing. They are particularly suited to piece goods containing silk-white effects as the silk is left unstained. Both colors dye evenly and can be added at the boil for shading. For the best fastness to light the dyeing should be done by the top-chrome method, but however the chromate method may be employed if desired.

E. I. duPont de Nemours & Co. have placed upon the market a new direct orange of bright yellowish shade known as Pontamine Fast Orange EG. It is stated that the new color is very fast to light, of fair fastness to laundry chlorine, considerably faster to water, washing, perspiration, acids and alkali than the average color, and that diazotization changes the shade very little.

This product is soluble and level dyeing. It may be dyed on either raw stock, yarns or pieces and is used with other direct dyestuffs of comparable fastness for producing browns, tans, grays and mode and fancy shades of all kinds. On silk, either pure or tin weighted, it dyes levelly and yields shades of very good fastness. It may be used on artificial silk by the same methods.

When dyed on union material in a neutral bath the animal fibres are practically unstained at a boil and it is therefore suited for shading up cotton in the one bath process for dyeing various types of union goods.

The Oil Market

Current Spot Quotations of Oils, Greases, pages 48-49

ANIMAL OIL HIGHER; LINSEED OIL DOWN

Competition in Linseed Oil Keen—Cottonseed Oil Slightly Lower—Olive Oil Foots Cut—Other Vegetable Oils Steady—Tallow and Tallow Oil Up—Oleo Oil Higher—Neatsfoot Oil Advances—Stearine Oleo Up—Lard Oil Higher on All Grades Except Edible Which Is Down

PRICE CHANGES IN NEW YORK

(Stocks in First Hands)

Advanced

Greases, $\frac{1}{2}$ c to $\frac{1}{4}$ c lb. Oleo Oil, $\frac{1}{4}$ c to 1c lb.
Lard Oil, $\frac{1}{2}$ c to $\frac{1}{4}$ c lb. Stearine Oleo, $\frac{1}{4}$ c lb.
Neatsfoot Oil, $\frac{1}{2}$ c to $\frac{1}{4}$ c lb. Tallow, $\frac{1}{2}$ c to $\frac{1}{4}$ c lb.
Tallow Oil, $\frac{1}{4}$ c to $\frac{1}{2}$ c lb.

Declined

Castor Oil, $\frac{1}{2}$ c lb. Lard Oil, Edible, $\frac{1}{4}$ c lb.
Cottonseed Oil, P.S.Y., $\frac{1}{4}$ c lb. Linseed Oil, 4c gal.
Olive Oil Foots, $\frac{1}{4}$ c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	War
Cod Oil, N. F.....gal.	\$62	\$62	\$62	\$64	\$136	\$269
Degras, American, bbl.lb.	.044	.044	.044	.044	.23	.034
Lard No. 1.....gal.	.91	.854	.854	.81	2.90	.92
Menhaden, crd. fks., gal.	.55	.55	.55	.40	1.20	.33
Neatsfoot, 20 deg. c.t.gal.	1.224	1.224	1.224	1.46	3.45	.95
Red Oil, distilled.....lb.	.12	.12	.12	.09	.17	.07
Stearic Acid, T. P. ....lb.	.164	.164	.164	.134	.43	.12
Coconut, Ceylon, bbls..lb.	.104	.104	.104	.09	.30	.14
Cottonseed, crude, tanks lb.	.094	.094	.094	.09	.25	.08
Linseed, crude.....gal.	1.00	1.04	1.07	.96	1.85	.57
Olive, denatured.....gal.	1.15	1.15	1.15	1.21	4.50	1.05
Peanut, refined.....lb.	.15	.15	.15	.154	.30	.08
Soya Bean, bbls. ....lb.	.13	.13	.124	.12	.194	.07
Average	4.82	4.81	4.83	4.77	5.92	1.56

Vegetable oils held steady over the week despite further curtailment in consuming demand. The firmness of prices is due to the smallness of stocks in dealers' hands as well as to firm foreign markets. While some factors are declaring that the Summer dullness has passed, others are of the opinion that it has not as yet been fully reached due to the fact that inquiries continue to decline. The factors who claim that the dullness will be greater are anticipating some sagging of prices before long pointing out that no declines of any consequence have taken place. Linseed oil crushers have cut their quotations sharply and the market is generally unsettled with competition keen.

Animal oils have shown no weakness in any quarter and practically the entire list has advanced owing to a continued heavy demand.

Vegetable Oils

Castor Oil—Due to the continued lack of demand makers have cut their quotations $\frac{1}{2}$ c lb. and quote: No. 1 16 $\frac{1}{2}$ c lb., No. 3 16c lb., Blown 18c lb.

Chinawood Oil—Market quiet over the week and prices remain at recent figures. A very slight movement of supplies is reported due to consumers having covered their needs in the recent flurry.

Coconut Oil—Ceylon is strong in tone and many holders are asking higher prices for their offerings. Manilla is steady at unchanged prices and a fair demand is reported.

Cottonseed Oil—Crude is at a standstill with quotations at 9 $\frac{3}{4}$ c lb. Prime summer yellow is slightly

easier at 10 $\frac{1}{2}$ c@11 $\frac{1}{4}$ c lb. as to position, the lowest figure being asked for July, Nov. and Feb., and the highest ones for Sept. and Oct.

Linseed Oil—Quotations are lower at \$1.00 gal. for carlots of barrels and 94c gal. for tanks. Lack of demand bringing about sharply lower prices in resale quarters has forced the market down. Seed markets have dropped as a consequence. One large crusher who had not anticipated any such break gives as the cause the higher market for oilcake. He states that linseed oil has not been used to a very great extent in Europe owing to substitution of other oils and this has brought about a scarcity of oilcake with a resulting high market. This has caused higher prices for oilcake here and so lower prices for oil are possible with seed markets steady. Seed markets opened as follows: Winnipeg July \$2.24 Oct. \$2.19; Duluth July \$2.514, Sept. and Oct. \$2.44, Minneapolis July \$2.45, Sept. \$2.44, Buenos Aires July \$2.034. London quotes linseed oil at 42s, and Antwerp quotes 430f.

Olive Oil—During the week some material changed hands among dealers as low as \$1.10 gal., ex-dock. However, the market on high grade oil from first hands is fairly steady at \$1.14@1.19 gal.

Olive Oil Foots—Continued lack of demand and lower exchange has brought about a reduction in first hand quotations. Importers name 8 $\frac{1}{4}$ c@8 $\frac{1}{2}$ c for both spot and shipment.

Palm Oil—Quotations unchanged and offerings are light in most quarters. Some factors are anticipating a break shortly.

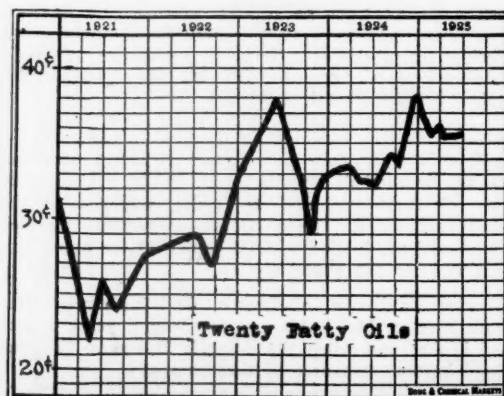
Palm Kernel Oil—Steady position maintained over the week and factors report a fair demand.

Soya Bean Oil—Market firm in all directions owing to light offerings and a steady consuming demand.

Animal Oils

Greases—Higher prices quoted on all grades owing to continued heavy demand for all offerings. Choice white is now quoted at 13 $\frac{1}{4}$ c lb.; yellow is named at 8 $\frac{3}{4}$ c lb.; brown has been advanced to 8 $\frac{3}{4}$ c@8 $\frac{1}{2}$ c lb.; house is very firm at 8 $\frac{3}{4}$ c@8 $\frac{3}{4}$ c lb.

Lard Oil—Edible prime is lower at 19 $\frac{1}{2}$ c lb. Other grades are higher and makers quote 18 $\frac{1}{4}$ c lb. for off



prime; 14¼c lb. for extra; 13½c lb. for extra No. 1; 13c lb. for No. 1; 12¾c lb. for No. 2.

Neatsfoot Oil—Quotations are steady for 20° c.t. and pure. Advances are reported in the other grades and makers name 13½c lb. for extra; and 13c lb. for No. 1.

Oleo Oil—Advances announced for all grades and makers quote No. 1 14½c@14¾c lb.; No. 2 13½c lb.; and No. 3 11¼c@11½c lb.

Stearine Oleo—Makers are higher in their prices and name 13¾c@14c lb.

Tallow—Edible advanced by manufacturers owing to strong demand and quotations are now given at 10¾c @10½c lb. City extra is also higher and prices named at 9¼c@9¾c lb.

Tallow Oil—Acidless oil has been advanced by makers and the market is now firm at 10¾c lb. for tanks, and 12¾c for barrels.

The United States Civil Service Commission announces competitive examination for associate chemist at \$3,000 a year and assistant chemist at \$2,400. Applications must be filed by July 28. At present there is a vacancy in the position of associate chemist (oil shale), Bureau of Mines, for duty at Boulder, Col., at \$3,000 a year; a vacancy in the position of associate chemist (biological), Bureau of Chemistry, Department of Agriculture, Washington, D. C., at \$3,000 a year; and a vacancy in the position of assistant chemist (biological), Bureau of Chemistry, Department of Agriculture, Washington, D. C., at \$2,400 a year.

Production in basic industries and factory employment continued to decline in May and there was a further recession in wholesale prices. Distribution of commodities was in greater volume than at this time last year, but slightly less than in April, according to the Federal Reserve Board. The Board's index of production in basic industries declined 6 per cent in May to a level 12 per cent below the high point in January.

Animal oils and fats exported during May, 1925, exceeded the totals of May, 1924, by 9,300,000 lbs., and the value for 1925 was greater by \$4,500,000. During the eleven months ending May, 1925, total exports were 215,000,000 lbs., less than for the corresponding period last year, and the value for 1925 was \$3,300,000 less.

E. J. Cornish, president of National Lead Co., presented a service button last week showing fifty-five years' continuous service with the company to John Tyne, foreman of the oil filling and cooperage department of the Atlantic works of the company. The presentation took place at the Drug and Chemical Club.

J. M. Morgan, Ozark, Ala., was reelected president of the Interstate Cottonseed Oil Mill Superintendents' Association at the annual convention at Atlanta, June 15. J. B. Thompson, Washington, Ga., was elected secretary and treasurer.

Armstrong Products Corp., New York has acquired Phoenix Soapstone Co., Maryland Soapstone Co., Virginia Chesapeake Soapstone Co., and a railroad which supplies a connecting link between the quarries and the Southern Railway.

Exports of coconut oil from India during the first three months of the current year were 24,000 gallons against 17,000 last year, and 92,000 in 1923, for the corresponding period.

COTTONSEED OIL OUTPUT INCREASED

Cottonseed oil produced in ten months ending May 31, 1925, totaled 1,372,356,286 lbs. of crude oil against 953,866,632 lbs. for the corresponding period a year ago. Stocks of crude oil on hand May 31 totaled 44,247,452 lbs., against 52,130,495 lbs., according to the report of the Census Bureau. Production of refined oil totaled 1,205,783,416 lbs., against 789,032,793 lbs.; and stocks of refined oil amounted to 346,033,644 lbs., against 195,010,244 lbs.

Cottonseed crushed during the ten months totaled 4,514,216 tons, against 3,225,908 tons; and stocks totaled 53,259 tons, against 66,182 tons. Cake and meal produced totaled 2,078,697 tons, against 1,478,530; stocks amounted to 100,584 tons against 63,082 tons.

Exports of crude oil totaled 21,612,608 lbs., against 22,910,343 lbs.; and of refined oil 24,384,784 lbs., against 13,309,871 lbs.

MAY NAVAL STORES EXPORTS LARGER

The big gain in the exports of naval stores for the month of May was attributable largely to the rise in the price of rosin, which class accounted for over 60 per cent of the total of the group. The exports during May, 1925, amounted to 127,600 barrels, valued at \$1,862,000, compared with 100,000 barrels, valued at \$895,000 in the preceding May. Spirits of turpentine showed a slight falling off in quantities shipped but an advance in values for the current May, when 1,085,000 gallons, valued at \$1,062,000 worth were shipped abroad.

The imports of gums, resins, and balsams, during May, 1925, equalled 10,729,000 pounds, valued at \$2,905,000, a gain of 17 per cent in value. Although the total importation of varnish gums declined only 7 per cent in value to \$1,511,000 (6,384,000 pounds), shellac fell 26 per cent in value to \$691,000 (1,270,000 pounds).

Lever Brothers of England who absorbed British Oil & Cake Mills, Ltd., which owns about 60 per cent of the oil seed-crushing and oil extraction capacity of Great Britain, will convert the ordinary shares of the newly acquired company into preferred ordinary shares of Lever Brothers, carrying a cumulative dividend of 10 per cent, subject to income tax, with an increase of 2½ per cent to be permitted when profits increase so that a net income of 10 per cent will be paid. British Oil & Cake Mills, Ltd., will become owner of £1,750,000 fully paid 20 per cent "A" preferred ordinary shares of £1 each of Lever Brothers in exchange for 3,500,000 fully paid ordinary shares of British Oil & Cake Mills, Ltd.

Specifications on bleached shellac and shellac varnishes were approved by the American Society for Testing Materials at its twenty-eighth annual meeting, at Atlantic City. These standards were recently adopted by the shellac bleachers' association. They were presented to the meeting by George Ashby, of John R. Anderson & Co., New York. No action was taken on specifications on orange shellac, which the committee will further consider.

The European market for varnish gums is rapidly increasing its demand, reaching proportions that it had prior to the war. As a result stocks in primary markets are rapidly being curtailed and primary sources are much firmer for all gums with the exception of Batavia damar. Prices are rising and are expected to rise still further.

Miscellaneous Raw Materials

Heavy Chemicals 30-48; Tan and Dyestuff, 30-48; Fat ty Oils 48-49

LITHARGE REDUCED ¼c LB. IN BARRELS

All Lead Pigments Lower—Glass Manufacturers Active—Prices Show Slight Variation—Sizes Firm and Fairly Active—Demand for Raw Materials Generally Smaller and Positions Not Strong—Situation Shows Little Change

PRICE CHANGES IN NEW YORK

(Stock in First Hands)

Advanced

Myrobalans, J2's, \$3 ton. Rosin: B, \$1.10 280 lb.
Antimony, ¼c lb. D, 60c 280 lb.
Fish Scrap, 25c unit E,F,G,H,I,K 5c 280 lb.

Declined

Lead, ¼c lb. Rosin: M, 5c 280 lb.
Lead Pigments ¼c to ½c lb. WG, 15c 280 lb.
Tin, ¼c lb. WW, 25c 280 lb.

Demand for chemicals and raw materials used in the consuming industries is not at its best at the moment, but little complaint can be made as such demand as there is, is of a good healthy nature. The glass trade is actively in the market, several plants which ordinarily shut down in the summer, having reopened recently. Demand from the paper trade is fair with that from the agricultural and textile trades very slack and rubber and leather industries not very active. Very little in the way of price changes of actual interest has occurred and most of the markets are moving in a

routine way at fairly steady figures. Lead pigments have declined, following a lowering in the price of the metal and tin is also lower. Antimony is firmer with changes in the rosins mixed. Sizings show no change on the present market.

ACCELERATORS

Competition remains keen for orders although a heavy demand continues to be reported by most makers and prices are firm at recent lower levels. Diphenylguanidine is steady at 95c@98c lb.; diethyl-ortho-totyl-guanidine is unchanged at \$1.10@\$1.13 lb.; ethylideneaniline is moving at last week's reduction to 62c@65c lb.; hexamethylene is unchanged at 82½c lb.; triphenylguanidine is easy at 69c@74c lb.; vulcone is holding at 75c@79c lb.

ALBUMENS

The demand for albumens continues normal with supplies rather uncertain for egg and blood, due to conditions at primary sources. Prices show no change in any of the albumens and the market for vegetable albumen is reported to be very strong.

CLAYS AND FILLERS

Barytes—Rather large imports were made last week and market continues normally active at unchanged prices of \$29@\$33 ton for imported with domestic named at \$23@\$24 bulk works.

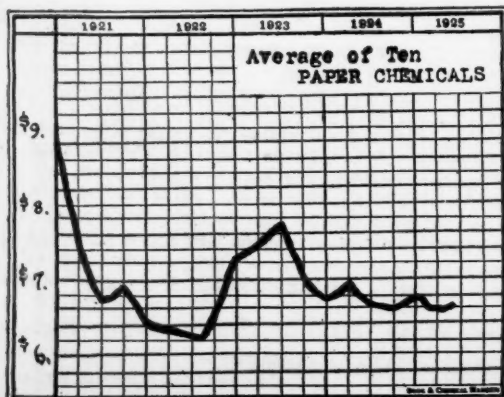
Blanc Fixe—Demand continues of a routine nature and this product is moving in fair volume to the trade at unchanged prices.

China Clay—Suppliers are continuing to move clay

Paper Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate	\$2.00	\$2.00	\$2.00	\$2.40	\$3.00	\$1.50
Bleaching Powder	1.90	1.90	1.90	1.90	9.50	1.50
Casein .....	.12½	.12½	.12½	.10½	.28	.20
China Clay, Dom.	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c/l Cyl. ....	.05½	.05½	.05½	.05½	.50	.08
Salt Cake	17.00	17.00	17.00	20.00	80.00	11.00
Sodium Silicate, 40% ..	.80	.80	.80	.80	1.75	2.00
Soda Ash, 58% wks.	1.38	1.38	1.38	1.38	4.10	.69
Sulfur	18.00	18.00	18.00	18.00	65.00	20.00
Rosin F grade	9.50	9.45	10.15	5.80	4.50	20.25

Average 6.077 6.072 6.141 6.005 13.50 5.50

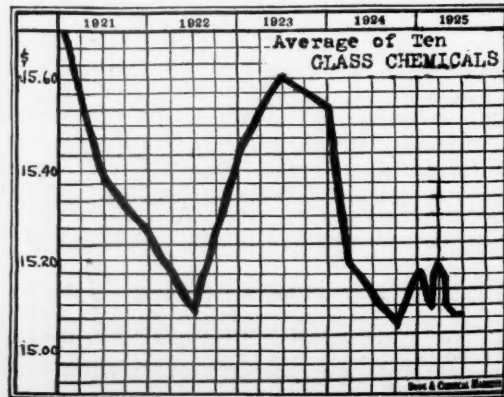


INDUSTRIAL CHEMICAL SECTION

Glass Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Arsenic .....100lb.	\$4.00	\$4.25	\$5.00	\$8.00	\$18.00	\$4.00
Fluorspar 96% c. i. f. ton	33.50	33.50	33.50	33.50	60.00	28.00
Limestone, ground	4.50	4.50	4.50	5.00	8.50	4.00
Litharge .....100lb.	11.00	11.25	11.25	11.50	17.00	9.00
Salt Cake .....ton.	19.00	19.00	19.00	20.00	40.00	15.00
Silica, crude .....ton	6.00	6.00	6.00	10.00	20.00	8.00
Soda Ash Dense .....100lb.	1.45	1.45	1.45	1.45	4.10	.69
Sodium Silicofluoride100lb.	4.25	4.25	4.25	6.00	10.00	3.50
Sodium Sulfate, anhy.100lb.	3.00	3.00	3.00	3.75	8.00	2.50
Tin Oxide .....100lb.	58.00	58.00	57.00	48.00	100.00	60.00

Average 14.495 14.520 14.520 14.720 28.56 13.07



in large volumes to fill contracts and some new business is constantly appearing. Paper makers are taking good quantities but the bulk is going to potteries and clay works. Prices continue unchanged at contract figures.

Talc—No new developments have appeared in this market with prices unchanged and business moving in fair volumes. Imports through New York last week, 1,000 bags.

Whiting—Prices continue unchanged for all grades with selling progressing steadily but no sensational movements reported.

COLORS AND PIGMENTS

Lead corrodors have lowered their quotations for lead pigments and quote litharge at 11c lb. in barrels and 15¼c lb. in kegs; red oxide 11½c lb. in barrels, 15¼c lb. in kegs; dry white lead 10¼c lb. in barrels, 15¼c lb. in kegs; white sulfate 9¾c lb.; orange mineral 13¾c lb. in casks, 14c lb. in barrels.

Chrome yellows are easier owing to lower litharge prices and the large stocks in makers hands, but quotations are still given at 18c@19c lb. Chrome greens are subject to sharp competition and shading of quoted prices continues to be reported in some quarters. Iron blues are quoted at recent figures of 33c@35c lb., but business is reported at prices shaded from these figures by as much as 2c lb. English vermilion is unchanged at \$1.40@1.45 lb.

DYE AND TAN WOODS

Demand for these products continues comparatively light at current prices which are almost universally considered high and actual buying is for current needs only. Divi divi continues high at \$53@55 ton. Sumac continues to advance and prices for the ground range all the way from \$135@150, according to the tannin content. J2 myrobalans were named for shipment early in the week at \$58@59 ton with other grades nominal. Valonia is reported to be a trifle easier at \$42@43 ton.

EXTRACTS

There has been no change in the market for extracts during the past few weeks. Demand is heavier from the tanning trade than from the dyeing industries although buying of logwood and hematine by the latter has improved, due to demand for dark colors for fall trade coming to the fore. Prices remain unchanged throughout the list.

FERTILIZERS

Between the seasonal lull and a holiday week, activity in the fertilizer trades is very quiet this week and new developments are few. Fish scrap is advancing, due to the yield not coming up to expectations and prices are now quoted at \$4.35 and 10c at works and \$4.60 and 10c Baltimore. Blood, tankage and bone are unchanged with nitrogenous material firm at former figures. Ammonium sulfate prices are not yet ready for publication but are expected to be out by the end of this week.

INSECTICIDES AND FUNGICIDES

Calcium arsenate remains dull and makers are not anticipating a sufficient demand in the six weeks of the season remaining to clean out their stocks and look for a further carry over to next year. Lead arsenate is not moving in very large quantities and the market continues weak. Paris green stocks are of large proportions although a steady movement is reported.

METALS

Antimony is quiet but holders of spot supplies are firm at 16¼c lb. Copper is easier at 13¾c@14c lb. for Lake, and 13¾c@13¾c lb. for electrolytic. Silver is higher at 70¼c oz. Lead is slightly lower at 8¾c lb.

at New York, and 7¾c lb. at East St. Louis. Tin is higher at 57¼c lb. Zinc is easy at 7¾c lb. at New York, and 7c lb. at East St. Louis.

NAVAL STORES

Price changes in rosins were sharply upward on common grades, slightly downward on fine grades and quite slight on medium grades. Spot quotations are: B, D, E, F, G, H, \$9.50; I \$9.55; K \$10.15; M \$10.75; N \$12.00; WG \$13.40; WW \$14.60. Turpentine prices are unchanged at 98c@1.01 gal. for spirits. Rosin oils are moving at unchanged prices.

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., June 27—Rosins closed firm with all offerings taken by two buyers, there being one other bidder. Receipts were greater than sales as has been the case for some weeks past. Heavy receipts are expected to continue for some time and therefore material advances are not anticipated. However, \$8.00 for common grades and \$9.00 for medium grades are thought to be bottom. Receipts for week totaled 15,696 bbls.; stock today 92,979 bbls. Quotations are: B \$7.75@8.20; D, E, F, G, H \$8.15@8.20; I \$8.20; K \$8.70@8.80; M \$9.10@9.20; N \$10.35@10.40; WG \$11.75@11.80; WW \$13.00; X \$13.00@13.10.

Turpentine closed firm at 90½c@90¾c gal. against 92c a week ago. Prices have been irregular but the demand has been active most of the time. All offerings were taken and there was still a demand for goods at 90½c but nothing was available. Receipts were 4,96 bbls.; stocks on hand 8,882 bbls.

Jacksonville, Fla., June 27—Turpentine closed steady at 91½c with 284 bbls. carried over against bids of 90½c. Rosins closed firm at the following prices: B, D, E, F, G, H, I \$8.20; K \$8.70; M \$9.10; N \$10.35; WG \$11.75; WW, X \$13.00. Stocks on hand are: turpentine \$18,288 bbls.; rosins 90,280 bbls.

STARCHES, DEXTRINS AND SIZES

Amber Sorts—See Crude Drug Market—Arabic Gum.

British Gum—Demand is not very heavy but prices are maintained at former levels by the condition of raw materials.

Casein—Activity is reported to be exceptionally good for this season, and South American goods are in an unusually strong position. Prices are firm at 12¾c@13¾c lb.

Dextrins and Starches—No change has developed in this situation since recent advance and prices are firm at present figures due to the condition of the grain market. Demand continues normal.

Glues—Activity in this market is good in a routine way and prices show no tendency to vary from established figures.

Twelve colors are featured in the hosiery card for Fall issued by the Textile Color Card Association in conjunction with the National Association of Hosiery and Underwear Manufacturers. Three of the colors—rosewood, mauve taupe and rose grey—are new. The remainder of the twelve appear on the standard hosiery color card and comprise almond, atmosphere, Aztec, bran, French nude, champagne, gun metal, Piping Rock and moonlight.

Union Bag & Paper Corp. is now using a new process for the chemical preparation of wood pulp on which they hold patents. A saving of 25 per cent in production costs is anticipated.

AMERICAN MANUFACTURER EXPLAINS POTASSIUM CHLORATE TARIFF FIGHT

General Manager of North American Chemical Co., of Bay City, Charges Dumping by Germans Who Held Large Stocks—Why the Price in the United States Remains About the Same and Cannot Be Increased

C. F. Hutchings, general manager of North American Chemical Co., Bay City, Mich., says in a recent statement regarding the increase in the tariff on chlorate of potash:

"Before and during the World War there were several manufacturers of chlorate in the United States. When hostilities ceased, foreign manufacturers of chlorate, especially the German manufacturers, were left in possession of tremendous chlorate stocks. These stocks were promptly dumped upon the American market in exchange for much needed cash. Apparently any price was a profit, and this dumping went on several years and put out of business all American producers except one.

"If there is any change in the market quotation on chlorate since the new tariff went into effect it is a very slight one and probably will be very short lived. The American manufacturer, with the opportunity again given him to produce on a large scale, now has a fighting chance to meet foreign competition. At the same time it is not possible for him to overcharge the public, because the balance between his cost and the foreign cost, as adjusted by the tariff rate, is so finely drawn that an undue increase to the customer would enable the foreigner to pay duty and get into the American market at a profit. Therefore the American must keep the price down to hold the trade.

"The American market is scattered among many consumers. It is true a single user takes a large quantity, nearly 50 per cent of the market. The remainder is taken by a competitor, together with several hundred smaller users, such as fireworks, cartridge makers, drug houses and dyes.

"To put the lone remaining American chlorate plant out of business would mean the immediate formation of an importing corporation or putting into active use the importing agency already doing business. This importing agency would make long-term contracts with foreign producers. The end would be the American chlorate consumer at the mercy of the importer at the highest price the market would stand. Under such conditions it is not likely that any group of business men could be induced to break this monopoly by building a chlorate plant in America at a price neighboring \$2,000,000. During the war the chlorate manufacturer under discussion shipped train loads of chlorate to the British Government and supplied other train loads to the United States Government."

Rubber factories in Canada are having a busy season, operations being on a larger scale than ever before. There has been a noteworthy growth of the export trade which has latterly been stimulated by the British preference. Several American companies have established branch plants in Canada in order to get the benefits of the British preference for export business. Exports of Canadian rubber goods to Britain during the twelve months ended April were valued at \$2,716,878, compared with \$1,869,524 during the previous twelve months.

The S. W. Warren Co. is building a new bleaching plant at Westbrook, Me., for the purpose of bleaching fibre at high density. The plant will have a capacity of 120 tons of fibre daily.

INDUSTRIAL CHEMICAL SECTION

ANTIMONY SUPPLIES CUT OFF

That the United States is entirely dependent upon foreign countries for supplies of antimony and that between 80 and 90 per cent of the metal comes from China is the statement made by H. K. Masters, secretary of New York Metal Exchange, at the annual meeting of American Society for Testing Materials held at Atlantic City. The troubles in China have delayed shipments and caused a scarcity for use in type metal, bearing metal and cooking utensils, as well as in the production of shrapnel.

A statement was made by William Campbell, metallurgist, of the New York Navy Yard, that research engineers of the society have adopted important specifications for brass used in cartridge cases and in light aluminum alloys some of which are as strong and tough as many varieties of steel and which are of extreme value in aircraft manufacture.

The Department of the Interior gives the production of copper by smelters in 1924 as 1,634,249,192 lbs. compared with 1,434,999,962 lbs. in 1923, an increase of approximately 14%. The total domestic and foreign refinery production is placed at 2,260,076,010 lbs. compared with 1,979,835,616 lbs. in the preceding year. The average price of 2,620,000,000 lbs. delivered last year was 13.1c per pound against a price of 14.7c in 1923.

The chemical situation is somewhat mixed according to the Federal Reserve Bank of Philadelphia, but on the whole the market has had a moderately active June. Lithopone continues in good demand and dye-stuffs and intermediates. Alkalies, acids, and fertilizers are also selling fairly well and contract withdrawals are satisfactory. Acetate of lime, methanol, charcoal, wood alcohol and coal tar products are dull.

American interests, headed by Harvey Firestone, of the Firestone Tire & Rubber Co., have practically concluded negotiations for a concession of 1,100 acres in Liberia for the cultivation of plantation rubber, so that this market will be able to break away from the British monopoly which has advanced the price of crude rubber from 17c to 85c in two years. As a part of the agreement, a \$5,000,000 loan is being floated in this country for the Liberian government.

Shoe colors for 1925 Fall season have been announced by the Textile Color Card Association as Autumn blond, India tan, rosewood, national gray, woodland brown and rugby tan. These colors are said to harmonize perfectly with the new silk and wool shades as well as with the new hosiery shades soon to be issued.

Charles J. Brand, consulting specialist in marketing of the Department of Agriculture, has been selected as executive secretary and treasurer of the new National Fertilizer Association. Mr. Brand will supervise soil improvement work, cost accounting, traffic activities, improved trade practices, standardization and public relations.

The Q. M. Supply Officer at Fort Sam Houston, Tex., has awarded a contract to Joe Barlow, Dallas, for 13,800 pounds sodium bicarbonate at 2.9c lb., and one to United Chemical Co., Dallas, for 8,620 pounds sulfuric acid at 6.65c lb.

The City Council, Muskogee, Okla., will build a filtration plant with apparatus for the municipal waterworks, estimated to cost \$100,000.

TECHNICAL MEN SEE EQUIPMENT EXHIBIT

The sessions of the Chemical Equipment Exposition at Providence last week were attended by more than two hundred executives from the conventions of the American Institute of Chemical Engineers, American Chemical Society and American Association of Textile Chemists and Colorists, which were held at Providence. There were 84 booths in the Exposition, depicting almost every important process in the chemical industry.

The exposition management adopted a rule restricting admission to technical and industrial men, educators, Government officials, etc. Those having a legitimate interest in the exhibits were registered and admitted free. The show was open from 9 A. M. to 6 P. M. daily—and closed in the evenings with the exception of Wednesday and Thursday when opportunity was given those unable to attend during the day-time.

On Friday evening, the Northern New England and Rhode Island Sections of the American Association of Textile Chemists and Colorists held a banquet at the Turks Head Club.

Burnham Chemical Co. and G. B. Burnham, president, Reno, Nev., which has sold stock on a claim for a patented process for extracting borax and other minerals from Searles Lake, Cal., have been denied the use of the United States mails in a fraud order issued June 23 at Washington by the Post Office Department.

A. E. Staley Manufacturing Co., in "With the Grain" for June 20, express a conservative optimism as to the grain situation for this season, inasmuch as the weather conditions have improved and present crop appearances indicate at least an average yield, barring unexpected developments.

Starch and glucose are to be manufactured from potatoes in Australia and the manufacture of dextrin is also proposed. These products are all imported now, imports of glucose from this country and United Kingdom totaling 900 tons.

Joe Barlow, chemical distributor, Dallas, Tex., announces the completion of a new warehouse at Dallas especially built for warehousing chemicals, acids, insecticides, and similar products. His new phone numbers are Y-3344, L. D. 573.

Salesmen's Association of the Dye and Chemical Industry of Providence, R. I., held open house at the Biltmore Hotel, Providence, during the Chemical Equipment Exposition.

Jaeger Chemical Co., New York City, has increased its capitalization from 1,000 preferred shares to 2,000 shares, \$100 each, and 1,500 shares of common stock, no par.

The Ivo-San Laboratory, Cleveland, has brought suit for infringement of patents against American Serum Co., Sioux City, Iowa. The suit is to be tried in a few days.

Pennsylvania Salt Manufacturing Co., Philadelphia, has declared a regular quarterly dividend of $2\frac{1}{2}$ per cent payable July 15 to stock of record June 30.

Cutler-Magner Co., Duluth, has been awarded a government contract for 26,000 pounds hydrated lime at 37c bag, 25c discount per ton, 10 days.

Atlas Powder Co. has declared a quarterly dividend of $1\frac{1}{2}$ per cent on the preferred, payable Aug. 1 to stock of record July 20.

SUZUKI & CO. CLOSE SUBSIDIARIES

After Dominating Camphor Market for Twenty Years
Japanese Firm Must Curtail

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Tokyo, Japan, June 6—The Japanese business world is always deeply interested in what Suzuki & Co. are doing. Importers and exporters form the largest and most important business group in Japan and Suzuki & Co. are one of the largest trading companies here. The Suzuki company has decided to 'close a number of its subsidiary companies, according to a reliable source of information. The decision is the result of considerable loss that has been sustained in recent months and the insistence of its creditor bankers that the company should adopt some measure for retrenchment. Another step will be the separation of the Suzuki subsidiaries from central financial control, so as to avoid the loss of credit to the importing company when the subsidiaries are closed. While several of the firms, which are now operating at a loss, will be definitely suspended, it is anticipated that Suzuki & Co. will resuscitate them under separate control at a more opportune time.

Suzuki & Co. are the parent organization of about 40 large concerns in widely diversified lines of business throughout Japan. The capital involved in the amalgamated companies totals about yen 300,000,000. The bank of Taiwan, the principal creditor of Suzuki & Co., is said to have extended credit to the importing company to a total of yen 150,000,000, at an interest rate of more than 11 per cent. The high rate is said to be due to the speculative nature of some of the Suzuki enterprises. One of Suzuki's most profitable investments in recent years is said to be its rayon factory, and another plant for the manufacture of this product will be built soon at a cost of yen 15,000,000.

The foundation of its dominance in camphor production was laid about 20 years ago, during Viscount Goto's term as Governor of Formosa. He gave Suzuki valuable concessions and privileges in the producing of camphor, which brought them enormous profit. In return Suzuki is generally believed to have given Goto considerable financial aid in his political campaigns. The losses of Suzuki & Co. in the earthquake were comparatively slight, but the fall of exchange and the severe business depression have told heavily upon the company recently. The banks have indicated willingness to advance further credit on condition of retrenchment. The Government has been approached, it is understood, with suggestions of rendering aid to Suzuki & Co., but thus far the Department of Finance has shown little inclination to yield to the appeal, having fixed a precedent in the case of Takata & Co., who were refused assistance.

The Chesebrough Manufacturing Co., Consolidated, manufacturers of vaseline, is planning to call its \$1,000,000 outstanding 7 per cent cumulative preferred stock, presumably on a cash redemption basis. This stock was issued subject to redemption at 112½ on any dividend date after Jan. 1, 1925, on thirty days' notice. Following the intimation of the plan of redemption, the market value advanced to 115 bid and 117 asked.

National Lead Co. has announced a reduction of $\frac{1}{2}$ c a pound on white lead in barrels and red lead, dry or in oil, in kegs. Sulfate has also been reduced $\frac{3}{4}$ c lb. in barrels and litharge and orange mineral $\frac{1}{4}$ c lb.

QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending June 27, 1925

Bid	Asked	Bid	Asked
*Air Reduction ....101	102	Hercules Powder ....104	107
*Allied Chem. & D. 92	92 3/4	Hercules Powd., pf. 103	107
*Allied C. & D., pf. 118 3/4	119 3/4	Heyden Chem. 17 1/2	—
*Am. Ag. Ch. 18	18 3/4	Hooker Electro 12	15
*Am. Ag. Ch., pf. 50	50 3/4	Hooker Electro, pf. 40	45
*Am. Chiclé 52	53	*Household Products 37	38 1/2
*Am. Chiclé, pf. 105	107	*Int. Agricult. 12	13 3/4
*Am. Cyan. 119	124	*Int. Agricult., pf. 52	60
*Am. Cyan., pf. 82	86	*Int. Nickel 29 3/4	30 3/4
*Am. Druggist, S. 5 1/2	5 3/4	*Int. Nickel, pf. 99 1/2	—
*Am. Glue 47	50	*Int. Salt 68 3/4	75 3/4
*Am. Glue, pf. 106	109	*Mathieson Alk. 83	83 3/4
*Am. Linseed 27	28	*Mathieson Alk., pf. 98 1/2	—
*Am. Linseed, pf. 70 3/4	71	MacAnd & Forbes 153	156
*Am. Metal 48	48	MacA. & Forbes, pf. 100	103
*Am. Zinc 7 1/2	7 3/4	Merc & Co. pf. 50	55
*Am. Zinc, pf. 27 1/2	28 3/4	Merrimac 84	86
Archer Dan. Mid. 32 1/2	34	Mulford Co. 30	33
Archer Dan Mid., pf. 97	97 3/4	*National Lead 148 3/4	149
*Atlas Powder 47 1/2	49 3/4	*National Lead, pf. 116	118
*Atlas Powder, pf. 92	94	Niag. A., pf. 80	85
By-Prod. Co. 46	49	N. J. Zinc 187	189
By-Prod. Co., pf. 102	105	Parke, Davis & Co. 77	80
Canad. Ind. Al. 16 3/4	17	Penn Salt 81	83
Canad. Salt 105	115	*People Gas Chi. 116 1/2	116 3/4
Casolin Co. 62	66	Procter & Gamble 124	127
Celluloid Co. 23	26	Procter & Gam., pf. 158	—
Celluloid Co. pf. 73	77	Royal Bkg. Pow. 140	150
*Certain-teed Prod. 48 1/2	48 3/4	Royal Bkg. Pow., pf. 101	103
Charcoal Iron 10	20	Shawinigan 152 1/2	153 1/2
Ches. Mfg. 65 1/2	66	Sherwin-Will. 1st pf. 103 1/2	105 1/2
Ches. Mfg., pf. 114	115	*Sterling Prod. 63 1/2	64
Clark Co., Fred. 2 1/2	4	Swan & Finch 16	18
Cleve. Cliffs Iron 70	72	*Tenn. C. & Chem. 11	11 1/2
*Com. Solv. A. 90	95	*Tex. Gulf Sul. 112 3/4	112 3/4
Do B. 86	93	Union Carbide 69 3/4	—
*Corn Products 34 3/4	34 3/4	*Un. Drug 123 1/2	124
*Corn Products, pf. 125	127	*Un. Drug 1st pf. 54 3/4	57 1/2
*Davison Chem. 35 1/4	35 3/4	*Un. Dyewood 11	15 1/2
Dow Chem. no par. 58	65	*Un. Dyewood, pf. 1	75
Dow Ch., pf. 95	102	Un. Gas Imp. 90 3/4	91
Dow Drug Co. 140	—	Un. Gas Imp. pf. 58 1/2	—
Dow Drug Co., pf. 105	108	U. S. Gypsum 170	171
*Du Pont, Deb. 100 3/4	102 3/4	*U. S. Indus. Al. 86 3/4	87
*Du Pont de Nem. 179	179 3/4	*U. S. Indus. Al., pf. 114 1/2	116
*Eastman Kodak 107 3/4	107 3/4	*Va. Car Ch. 13 1/2	14 1/2
*Eastman Kodak, pf. 117	117 3/4	*V. Vivaudou 16	16 3/4
*Freeport Tex. 17 1/2	17 3/4	Will & Baumer 12	14
*Gen. Asphalt 52 3/4	53		
*Gen. Asphalt, pf. 93	94		
*Gold Dust 39	39 3/4		
Grasselli 125	130		
Grasselli, pf. 101	108		

*Listed on New York Stock Exchange

FOREIGN EXCHANGE		Par	Current
Great Britain (pound sterling)		\$4.866	\$4.85 15-16
France (franc) .....		.183	.044
Italy (lira) .....		.193	.035
Belgium (franc) .....		.198	.044
Czechoslovakia (crown) per hundred		20.30	.029
Denmark (krone) .....		.268	.197
Germany (mark) .....		.238	.237
Holland (florin) .....		.402	.400
Norway (krone) .....		.258	.174
Poland (zloty) .....		.193	.192
Spain (peseta) .....		.193	.145
Sweden (krone) .....		.268	.267
Switzerland (franc) .....		.193	.194
Argentina (peso) .....		.424	.402
Brazil (milreis) .....		.324	.110
Japan (yen) .....		.499	.406
India (rupee) .....		.485	.366
China (Silver dollar, Hongkong) .....		.789	.583
(Tael-Peking, silver)		1.146	.790
(Tael-Shanghai, silver)		1.986	.783

Vera Chemical Co., Stoneham, Mass., has filed an annual statement for the year ended Dec. 31, as follows: Assets—Real estate, \$38,478; machinery, \$21,443; furniture, fixtures and tools, \$343; autos, trucks and teams, \$9,021; merchandise, \$40,285; notes receivable, \$15,000; accounts receivable, \$21,567; cash \$5,615; total, \$151,752. Liabilities—Common stock, \$60,000; accounts payable, \$39,332; reserve for taxes, \$3,399; surplus, \$49,021; total \$151,752.

New Incorporations

In the Chemical, Drug, Oil Producing and Consuming Fields

Stratford Knitting Mills, Philadelphia, \$100,000 J. B. Mustin, Wayne ave. and School Lane.

Victor Spinning Co., Philadelphia, \$100,000. To manufacture yarns, H. R. Gumme, East Downingtown.

Tokioli Paint and Varnish Co., Inc., Philadelphia, \$50,000, Joseph Schmidt, Sr., Willow Grove.

Pittston Industrial Alcohol Co., Camden, N. J., 1000 shares, no par. Joseph P. Murray, Frank S. Muzze, S. Stanley Sauerman, Philadelphia. Corporation Trust Co., Philadelphia.

Falcon Chemical Co., Dover, Del., \$100,000. G. R. Faulkner, H. J. Brandy, F. A. Shaw, Pittsburgh. Capital Trust Co. of Delaware.

Clarice Preparations, New York City, \$30,000. To make toilet preparations. J. A. Freyman, A. E. H. Pauls, W. R. Denneman. Attorney, R. Geiss, 355 E. 147th St.

No Tarnish Co., Irvington, N. J., \$250,000. Bertrand L. Chapman, George L. Burgess, Upper Montclair. Attorney, Charles C. Gormany, New York.

Monarch Cleaner Corp., Utica, N. Y., 350 shares common stock, no par. To make cleaning materials. M. K. Hari, A. G. Senior, R. F. Nichols. Attorneys, Hart, Senior & Nichols, Utica.

Kemotex Products Corp., New York City, 50 shares preferred stock \$100 each, 100 shares common, no par. Chemical compounds. C. L. Grad, F. Demovich, F. Raab. Attorneys, Joseph & Demoy, 1431 Broadway.

Mojud Hosiery Dye Works, New York City, \$75,000. N. Judson, B. L. Mock, W. Feinberg. Attorneys, Feinberg & Feinberg, 1440 Broadway.

Stanley Dye Works, Paterson, N. J., no capital stated. Mark Stanley, Joseph Stanley, Veronica Stanley, Kostanty Idzkiewicz, Paterson. Attorney, Frank Smith, Paterson.

Spill Mfg. Co., East Rutherford, N. J., \$75,000. Celluloid Novelities, Frank Spill, Fred Spill, E. Rutherford; W. J. Parfrey, Milton Becker, New York. Attorney, J. W. Miller, Rutherford.

West Coast Paint and Glass Co., Wilmington, Del., \$100,000, Delaware Charter Co.

New York and Pennsylvania Paper, Dover, Del., \$9,999,000 August Paine, Jr., Willsboro, N. Y.; Robert Wetherill, Chester, Pa.; Calvin R. Armstrong, Lock Haven, Pa. United States Corporation Co.

Esca Pharmaceutical Laboratories, Dover, Del., \$10,000. William Polatsik, Joseph A. O'Brien, John W. Stopplekheim, New York. Representative, Arley B. Magee, Dover, Del.

V. C. V. Products Co., Philadelphia, \$200,000. To make soaps. Corporation Guarantee and Trust Co., Dover, Del.

Sugar Bowl Candy Co., Dover, Del., \$50,000. Peter G. Laskaris, Wilmington, Del. Representative, John W. Huxley, Jr., Wilmington, Del.

U-No Polish Corp., Wilmington, Del., \$10,000. Colonial Charter Co.

Penaud, New York City, 2,000 shares Class A \$100 each, 2,000 shares Class B, common stock, no par. To make hair tonics. B. Knollenberg, J. J. Quinn, G. Klotz. Attorneys, Root, Clark, Howland & Ballantine, 31 Nassau st.

Choclatone Laboratories, New York City, 100 shares common stock, no par. P. Bostein, S. J. Selkin. Attorney, J. Schotland, 130 W. 42nd st.

J. P. Meyer & Co., Mt. Vernon, N. Y., 500 shares common stock no par. Pharmaceutical preparations. J. P. Meyer, J. Simon, B. Berber. Representative J. T. Baker Co., 40 Rector st., N. Y.

Germicide & Sanitation Co., Syracuse, N. Y., 1,000 shares common stock, no par. E. E. Crandall, M. C. Craver. Attorney, J. G. Smith, Syracuse.

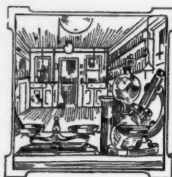
A. N. Chamberlain Medicine Co., Wilmington, Del., \$1,000,000. Colonial Charter Co.

Breitwieser Dyeing Co., Inc., Union City, N. J., \$25,000. George Breitwieser, West New York; Christopher Luckhaupt, Jamaica, L. I. Attorney, Carl Weitz. Town of Union, N. J.

Tivoli Pharmacy, Newark, N. J., \$125,000. To deal in drugs Emil Mundaro, Brooklyn, N. Y.; Pasquale de Spirito, Thomas de Spirito, Newark, N. J. Attorney, Philip Gandiosi, Newark.

Corn Products Refining Co. has declared regular quarterly dividends of 50c on the common and 1 1/4 per cent on the preferred, payable July 20 to stock of record July 7, and July 15 to stock of record July 7.

National Carbon Co. has declared a quarterly dividend of 2 per cent on the preferred, payable August 1 to stock of record July 20.



Drug & Fine Chemical

SECTION



To Enforce Prohibition on New Lines

Reorganization, Effective Aug. 1, Divides the United States Into 22 Federal Districts Coinciding With the Federal Judicial Districts—A Prohibition Administrator, One First Assistant in Charge of Permissive Work and One Second Assistant in Charge of Enforcement, a Chemist and Counsel to Be Appointed in Each District—Agents Under the First Assistant to Be Trained Pharmacists and Chemists—Second Assistant to Have Trained Criminal Investigators and Detectives

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., July 1—A general reorganization of prohibition enforcement has been ordered by Secretary of the Treasury, Mellon, effective Aug. 1. In announcing the completion of the plans for this reorganization Secretary Mellon made public the following official statement:

"It is believed the Federal function in Prohibition enforcement is to stop the sources of supply, importation, diversion of legitimately manufactured alcohol, illegitimate manufacture and transportation of alcohol and alcoholic beverages. Federal law enforcement energies will be directed primarily against the bootleg industry in all phases of its operations. Effort will be made to assist and develop local enforcement. The Treasury Department will work in closest possible co-operation with the Department of Justice and its agents, both at headquarters and in the field. All control of alcohol, except the collection of the Federal tax, is made the sole responsibility of the prohibition administrators representing the Commissioner of Internal Revenue.

"The plan for reorganization divides the United States proper into 22 Federal Districts bounded exclusively by Federal Judicial District lines, their size having been determined by the amount of permissive work to be done and the difficulties of enforcement to be met due to local conditions, public sentiment, etc. Because of time required for written communication, the Hawaiian Islands and Porto Rico are made each a district by itself.

"In each District, a Prohibition Administrator will be appointed, selected for personal fitness and executive and business ability. He will be given full authority and held responsible for the enforcement of the law and for all personnel within his District. His official staff will include a First Assistant directly in charge of permissive work and a Second Assistant in charge of enforcement work, a chemist, and a counsel who will work in close co-operation with United States Attorneys. Agents under the First Assistant will be trained pharmacists and chemists; and under the Second Assistant, trained criminal investigators and detectives.

"The plan is a decentralization with view to economy and efficiency, permitting the use of a smaller personnel with higher qualifications. Its disregard of state lines

makes it more clearly a Federal organization, not unlike that of the Customs service. The Headquarters in Washington will be largely one for supervision to secure uniformity of policy.

PHARMACEUTICAL M'FRS. ELECT J. H. FOY

Association Against Abolishing Federal Trade Board
—Narcotics and Price Maintenance Discussed

(Special Correspondence to DRUG & CHEMICAL MARKETS)

White Sulphur Springs, W. Va., June 27—The American Pharmaceutical Manufacturers' Association re-elected J. H. Foy, of Maltbie Chemical Co., Newark, N. J., as president for another year, at the annual meeting held at the Greenbrier Hotel June 22 to 25. Other officers elected are:—First vice-president, F. A. Mallett, Standard Chemical Co., Des Moines; second vice-president, J. L. Dow, E. J. Noyes Co., Lancaster, N. H.; secretary, Carroll Dunham Smith, Smith Pharmaceutical Co., New York; treasurer, C. W. Angst, Pitman-Moore Co., Indianapolis; directors, D. C. H. Searles, G. D. Searles Co.; R. R. Patch, E. L. Patch Co., Boston; and Dr. Alfred S. Burdick, Abbott Laboratories, Chicago. Charles Wesley Dunn, 2 Liberty st., New York, was re-appointed counsel.

President Foy declared in his annual address that the association favored Wadsworth-Williams bill and was against the proposed abolition of the Federal Trade Commission, saying that the revised methods of procedure promised reforms and with the further changes provided in the Wadsworth-Williams bill the Commission should prove a valuable function of the Government. Mr. Foy discussed narcotics and said the manufacturers should confine their efforts regarding regulation to questions which directly affect the manufacturing industry. Unqualified enforcement of the Volstead Act was stated by Mr. Foy to be favored by the association. He also urged a continuance of the present American Tariff policy. He declared that the Williams bill most fully meets the views of the association on retail price maintenance.

Other speakers were Dr. G. W. Hoover of the Bureau of Chemistry; Dr. Leach of the American Medical Association; Dr. B. R. Rhea of the Narcotic Division of the Bureau of Internal Revenue; and Williams Haynes, of "Drug & Chemical Markets," who discussed recent tendencies in the drug market. Charles Wesley Dunn presided at the banquet on Wednesday evening, and Dr. E. L. Smith, president of Washington and Lee University, spoke on "Lee After Appomattox."

A tribute to R. R. Patch who retired as secretary-treasurer, was incorporated in the minutes. Committee reports were read by R. Lincoln McNeil on the work with the Bureau of Chemistry on tolerances for hypodermic tablets; and by F. A. Mallett on costs and overhead.

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals see Chemical pages 30-48

QUICKSILVER LOWER BUT FIRM

Price Reduced to \$83.50, But Prospect of Further Lowering Remote—Citric and Tartaric Acids Strong at Unchanged Prices—Menthol, Codliver Oil and Camphor Active with Prices Unchanged—Routine Trading Reported with no Unusual Activity in Evidence

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Coddler Oil, \$1.00 bbl.	Advanced	
	Thymol, 5c lb.	
Mercury, 50c flask	Declined	
	Quicksilver, 50c flask.	

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid .....	.35	.35	.35	.32	\$2.00	.20
Acid Citric Import. ....	.46	.46	.46	.47	1.25	.45
Cateine, Alkaloid	3.75	3.75	3.75	3.50	13.00	3.65
Calomel, American	1.37	1.37	1.37	1.22	3.43	.90
Camphor, Jap. ref. ....	.74	.74	.75	.72	3.55	.41
Iodine, Resublimed	4.65	4.65	4.65	4.40	5.00	3.75
Menthol	11.00	11.00	11.00	11.25	13.50	3.00
Potassium Bromide, Cryst. ....	.48	.48	.48	.38	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.50	.50	.50	.57½	41½	1.05
Average	2.164	2.164	2.272	2.16	5.92	1.56

New developments in the fine chemical market are few and far between at this season of the year with little other than routine trading in evidence. Prices are well stabilized and little tendency to advance or decline is shown, except in one or two items that are more or less speculative. Where domestic producers are in the field in anything like a large way, they dominate the situation, keeping prices at such levels as to render foreign competition negligible.

Quicksilver is slightly lower, but its position is regarded as firm and routine trading is evident in this item. Codliver oil continues high with methanol and camphor steady and not excessively active. A seasonal demand is moving citric and tartaric acids in large volumes but prices are steady and unchanged. Other prices are stable and market continues quiet for most of them.

Acetanilid—Prices unchanged with market condition normal for this season.

Acid, Acetylsalicylic—Market continues steady with prices unchanged at 75c@80c lb. in first hands and 70c@72c in second hands.

Acid, Benzoic—No new developments seen for this item with prices steady at former figures.

Acid, Citric—The market continues to be controlled by the domestic product which is selling in a large way on present demand at 45½c for the crystals and 46½c for the powder. Imported goods are unable to compete at this price.

Acid, Diethylbarbituric—Prices continue unchanged at former levels with demand of a routine nature.

Acid, Salicylic—Market continues to exhibit normally fair demand at unchanged prices.

Acid, Tartaric—Importers report they are unable to sell on the present market, although the demand is now at its best, but costs of import are equivalent to

domestic selling prices and spot prices are below shipment prices for imported goods. Domestic producers are getting 29c lb. for large quantities at present.

Alcohol—Demand is constantly picking up for the fall and winter trade and resale prices are approaching first hand prices. The recent decline announced by makers for denatured No.'s 5 and 6, with a sliding scale for July and August deliveries has stimulated a certain amount of additional interest and the market is now in a much firmer condition.

Aloin—Demand is reported to be on the increase for this item at unchanged prices of 85c@88c lb.

Amidopyrine—Prices continue to be quoted at unchanged levels with demand of a routine nature.

Bromides—The situation with regard to these remains during the week, prices remaining steady at former figures.

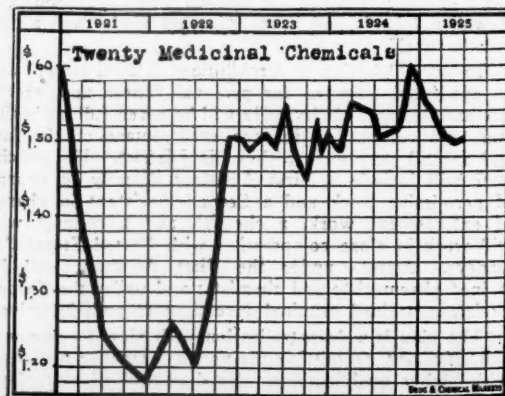
Bromides—The situation with regard to these remains unchanged with the domestic products moving in fair volumes and replacement costs for imported goods considerably above the spot price. Little interest is being demonstrated in imported bromides although prices of 53c lb. were heard for ammonia last week. Even this failed to bring out any stocks as there is practically none on the market. Potash remains unchanged at 39c@40c with soda at 44c@45c lb.

Camphor—Routine trading characterizes this market with no new developments seen. Japanese slabs are still named at 74c with the ounce and half ounce cakes at 90c@92c lb., and American slabs at 84c lb.

Coddler Oil—The shorter yield in this item has been aided by the low exchange rate in keeping this market strong. Prices, however, have not changed this week and are still quoted at \$36.00@\$37.50 barrel as to brand and quantity.

Cream Tartar—Some quarters are looking for an advance to 23c lb. for this product, but it is still available at the unchanged price of 21½c@22c for the imported with domestic at 22c@22½c lb.

Formaldehyde—Trading in this item is very good at recently reduced price of 8¾c lb. in carloads, f.o.b. works with New York spot prices 9c@9¼c lb. as to quantity.



Fusel Oil—The majority of holders are asking \$2.60 @ \$2.65 gal., although one or two have come down to \$2.50 gal.

Glycerin—No change is seen in this situation with C.P. firm at 19c in bulk, dynamite at 18c@18½c, saponification at 13¾c@13½c lb.

Menthol—Although it is still thought possible to obtain one or two odd lots at \$10.85, most holders are asking \$11.25 for menthol in less than cases and \$11.00 in case lots.

Mercury—Demand continues to be of a routine consuming nature with little interest exhibited outside consuming and importing circles. Prices have receded to \$83.50@\$84.50 flask and are claimed to be firm thereat.

Methanol—More imports of synthetic material were received through New York last week, but the domestic trading is resuming its confidence and a brisker trading is now appearing.

Potassium Permanganate—A 500 lb. order appearing in the market last week, created a little flurry and some holders advanced their prices to 15c lb. However, stocks are sufficient to cope with what little demand there is and the market value continues at 14½c@14¾c lb.

Sodium Benzoate—Demand is reported to be good and improving with prices unchanged at 59c@62c lb. in both first and second hands although some reports of 55c benzoate have been heard.

Thymol—This item continues firm at recent advance to \$3.80@\$4.00 lb.

Zinc Stearate—Market continues steady with prices unchanged at 21c@22c lb. Although rumors have been spread of an advance to 24c, these are proved to be unfounded.

MENTHOL WEAKER OWING TO LARGE CROP (Special Cable to Drug & Chemical Markets)

Tokyo, Japan, June 30—The menthol market, after maintaining a firm position at yen 33, has developed a weak tendency owing to the abundant crop that is expected this season. Slab has fallen back to yen 31 and oil to yen 10½. Short supply will probably hold the market at this level, but, subject to weather conditions, there will be lower prices in summer.

Early estimates of the menthol crop, coming through London, place the yield at 865,200 pounds against a crop in 1924 of about 800,000 pounds. These figures are based on a check of the acreage and due cognizance must be taken of the various factors entering into the mint growing before too much confidence is placed in the estimate.

The New Jersey Pharmaceutical Association, at its annual convention last week elected the following officers for the ensuing year: President, Max Fried, Newark; vice presidents, James L. Smart, Paterson, and R. E. Wilhelm, Jersey City; secretary, Jeannot Hostman, Hoboken, and treasurer, C. J. McCloskey, Jersey City.

The German alcohol monopoly has permitted the use of camphor and menthol as denaturants for alcohols for external use and also the use of lactic acid in alcohols for the manufacture of extracts for non-alcoholic beverages and candies.

Fred L. Carter, former president of Carter, Carter & Meigs Co., Boston, wholesale druggists, died June 24, at Los Angeles. He was 75 years old.

ANTIMONY AND OIL PEPPERMINT HIGHER

London Reports a Firmer Market for Menthol, White Pepper, Citric Acid, Oil Cassia—Prices Easier for Linseed Oil, Coconut Oil, Gallic Acid and Prussiate of Soda—Bourbon Vanilla and Pyrogallic Acid Lower

(Special Cable to Drug & Chemical Markets)

London, July 1—Advances are announced on antimony, star anise oil, ginger (Cochin), almonds, cinnamon, American peppermint oil, Japanese mint oil and cocoa butter.

The market is firmer on menthol for forward delivery, Singapore white pepper, citric acid, oil cassia and shellac.

Prices are easier for linseed oil, coconut oil, gallic acid and prussiate of soda.

Bourbon vanilla and pyrogallic acid are lower.

London, June 20 (By Mail)—The drug markets have been more active and values for the most part more in seller's favor. The troubles in China and North East Africa together with extreme climatic conditions at home have directly influenced prices notably for rhu-barb, star anise seed oil, crude antimony, fenugreek seed, coriander seed, all of which are higher. Citric and tartaric acids and lemon oil are in greater demand and firmer. The only items of interest in downward tendency quillay bark, castor oil and senega root.

American Peppermint Oil is in greater request and more interest is taken in new crop shipments 35s per lb c.i.f. is now asked for Aug.-Sept. and higher prices are being paid for spot parcels at 55s per lb and prompt shipment 57s per lb., c.i.f.

Mint Oil, Japanese is dearer on spot at 14s 6d to 14s 9d per lb and 14s to 14s 3d per lb c.i.f.

Codliver Oil, Norwegian. It is rather unusual at this stage to experience such a sharply advancing market the more so that the demand of late has been slack. Many buyers here have deferred covering their regular season's requirements in the hope of buying later at a lower level. Norway refiners and shippers will therefore have to face a heavier demand than usual as the autumn advances with a much shorter supply of steam and refined than last season owing to the more than partial failure of the Finmarken catch this summer. Private reports from this district just at hand describe the present fishing as very poor in quality and oil render. The prospect of materially lower autumn and winter prices, therefore, would appear to be remote.

Chinese Antimony—Offers are restricted and the market is advancing £62 per ton spot and £58 10s per ton for parcels afloat.

China Star Anise Oil—A large business done on spot up to 2s 7½d per lb now 2s 9d. No forward offers have been received for several days.

Otto of Rose—Bulgarian reports record much higher prices paid for next crop of pure Otto and the price of roses continues to advance.

Cocoa Butter—The English makers have advanced their price to 1s 5d per lb.

John F. Queeny, chairman of the Board of Directors of Monsanto Chemical Works, St. Louis, has returned from a two months' stay in Europe. His family accompanied him.

Sterling Products, Inc., has declared a quarterly dividend of \$1 a share on the capital stock, payable Aug. 1, to stockholders of record July 15.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 49-53

HUNGARIAN CHAMOMILES FIRMER AT 17c

Shipment Prices Advancing Further—Europe Buying Here—Rhubarb Higher on Possible Shortage of Stocks—Rose Petals Higher on Actual Shortage—Spice Market Active—Althea, Senega and Shellac Lower—Market Generally Quiet

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Anise Seed, Span., $\frac{1}{2}$ lb.	Mastic Gum, 1c lb.
Canary Seed, $\frac{1}{4}$ to $\frac{1}{2}$ lb.	Millet seed, $\frac{1}{4}$ lb.
Carnauba Wax, No. 3, 1c lb.	Mustard, Dutch, $\frac{1}{4}$ c lb.
Cassia, Chin. sel., $\frac{1}{4}$ lb.	Pepper, $\frac{1}{4}$ to 1c lb.
Chamomile Flowers, Hung., 4c	Rhubarb root, 1c lb.
Henbane Leaves, U.S.P., 2c lb.	ground, 4c lb.
Laurel Leaves, Greek, $\frac{1}{4}$ lb.	Rose Petals, 35c lb.
Declined	
Althea, cut, 5c lb.	Ginger, $\frac{1}{2}$ to $\frac{1}{4}$ lb.
whole, 1c lb.	Mustard, Cal., 1c lb.
Balsam, Copaiba, S. A., 1c lb.	Nutmegs, 10's 1c lb.
Celery Seed, $\frac{1}{4}$ lb.	Poppy Seeds, Dutch, $\frac{1}{4}$ c lb.
Cumin Seed, $\frac{1}{4}$ lb.	Senega Root, $\frac{2}{5}$ c lb.
Dill Seed, $\frac{1}{4}$ lb.	Shellac, 1c to 5c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP	.33	.33	.33	.39	.90	.42
Buchu Leaves, Short	.65	.65	.65	.76	4.00	.85
Cantharides, Russian	.75	.80	.80	.90	9.00	2.10
Cocculus Indicus	.08	.08	.08 $\frac{1}{2}$	.08	.85	.03
Ergot, Spanish	.51	.50	.50	.30	4.50	.54
Insect Powder, pure	.37	.37	.38	.63	1.00	.28
Ipecac, Cartagena, Powd.	2.25	2.35	2.35	2.10	4.50	1.35
Nux Vomica	.05	.05	.05 $\frac{1}{2}$	.05	1.4 $\frac{1}{2}$	.07
Opium gum	12.00	12.00	12.00	9.00	5.00	5.00
Rhubarb Root, H. D.	.36	.35	.32	.30	1.75	.15
Tragacanth No. 1, ribbon	1.45	1.45	1.45	1.20	6.00	1.50
Wild Cherry Bk., thin nat.	.09	.09	.09	.09 $\frac{1}{2}$	.21	.07
Average	1.574	1.584	1.584	1.32	5.28	1.60

The majority of the price changes in the crude drug market this week are such as come in the normal course of routine trading. The basic situation in the market has not changed materially during the last two or three weeks and demand is now at a low ebb where it will doubtless remain for the rest of the summer. Dealers look for little change before the middle of August or September. Meanwhile, prices fluctuate as stocks suddenly are found to have changed radically or where a slightly larger order than usual appears.

The situation with regard to Hungarian chamomiles has continued to exert an upward tendency on the price, and rhubarb root is in a much firmer position with prices higher although actual demand is not great. The spice market has been active and prices show some change with more declines than advances. Rose petals have advanced sharply and althea, senega root and shellac have declined.

Althea—Whole althea has been reduced to 24c@25c with the cut reduced to 50c@55c lb.

Anise—Spanish anise seed continues to strengthen and is now quoted at 16c@16 $\frac{1}{2}$ c lb.

Balsams—South American copaiba is again lower at 56c@57c lb. with Para unchanged at 54c@56c. Canada fir remains steady at \$11 gal. with Oregon fir at 95c@ \$1.00 gal. Peru and Tolu remain unchanged at \$1.85 @ \$1.90 and \$1.40@ \$1.45 lb., respectively.

Buchu—Market is firm with some refusing to offer and some others holding for 67c@70c lb. However, 65c can probably still be done.

Cantharides—Large holders on the other side are reported to have sold out and the situation has firmed up somewhat since last week. However, the local market continues at 75c for the Russian with the Chinese unchanged at former figures.

Cardamom—Bleached seeds have recovered to \$2.60 @ \$2.80 with other grades unchanged at former prices.

Cassia—China rolls have again advanced $\frac{1}{8}$ c and are now quoted at 7c@7 $\frac{1}{4}$ c lb. No change in other grades.

Chamomile—Hungarian flowers are now quoted at 17c@20c with indications pointing to still further advances. Most of the crop has been allowed to go unharvested due to prevailing low prices and now the effects are being felt. Roman flowers unchanged.

Ergot—Market continues firm and quiet with 51c@ 55c the common price although lower could possibly be done under pressure.

Gums—With European buying looming large, stocks are being diverted from this market and prices are accordingly strengthening. Gum elemi is now quoted at 15c for shipment although some spot supplies are still available at 13c lb. Gamboge, sandarac and guaiac are firm at recent advances and mastic has now advanced to 57c@58c lb.

Henbane Leaves—The U.S.P. leaves have advanced to 29c@31c on more or less active inquiry and are now in a good position. "No assay" leaves are unchanged.

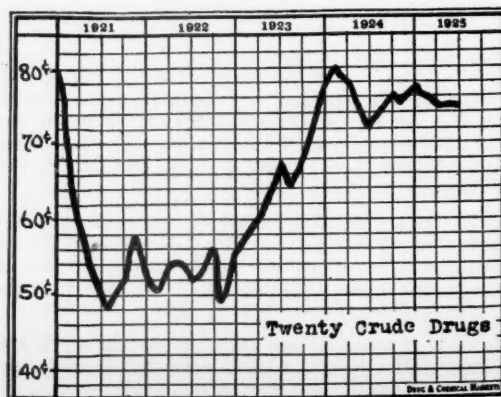
Ipecac—Some unsteadiness is still in evidence in this market but prices remain around \$1.95@ \$2.05 for the root and \$2.25@ \$2.35 for the powdered.

Laurel Leaves—Greek laurel leaves have advanced to 5 $\frac{1}{2}$ c@5 $\frac{3}{4}$ c lb. with other leaves and berries unchanged.

Rhubarb—Although actual demand is not very great, the situation on the local market is much stronger, due to the political situation in China. The root is now quoted at 36c@40c lb. with the powdered at 42c@45c as to holder. Some are holding their stocks for their own use and not offering to sell.

Rose Petals—These have become very scarce and the red petals are now quoted at \$1.25 lb.

Saffron—The Spanish flowers are reported again available at \$31.00@ \$32.00 lb. with American unchanged at former figures.



Seeds—Moroccan canary seeds have advanced to 8½¢ @9¢ lb. with South American up to 7½¢@8¼¢ lb. Celery seed has declined to 26¢@26½¢ lb.; Malta cumin to 13¢@14¢ lb. and natural dill seeds to 5¢@5½¢ lb. Domestic millet has advanced to 3¼¢@4½¢ lb. and Dutch poppy seeds have declined to 10¢@10½¢ lb.

Senega Root—The market for this root is slightly easier at the reduced price of 52½¢@44¢ lb.

Shellac—Prices have declined for several grades of shellac although the market is firm with demand normal. Superfine has declined to 55¢@57¢ lb., T.N. to 53¢@55¢ and bone dry bleached to 62¢@63¢ lb. Other grades have shown no change.

Spices—Greater interest has been reported and the seasonal activity seems to have opened. Several prices showed declines but price changes were pretty well mixed. African ginger is down to 15½¢@15¼¢ lb., Jamaica ginger at 17¢@18½¢ with lemon cochineal down to 19½¢@20¢ and ABC cochineal at 20¢@21¢ lb. California brown mustard has declined to 10¢@10½¢ with Dutch yellow advanced to 8½¢@9½¢ lb. Nutmegs 110's have declined to 51¢@52¢ lb. White pepper has advanced to 23¢@24¢ lb.; Allepy declined to 14½¢; Lampong advanced to 13½¢@14¢ lb.; and Tellicherry advanced to 15½¢@15¼¢ lb. with other grades unchanged.

Waxes—Carnauba wax, No. 3 North Country, has advanced to 30¢@31¢ lb., with No. 3 chalky at 31¢@32¢ lb., other grades being unchanged. Japan wax is firm at recent advances but shows no further change. Other waxes show normal activity with prices steady and unvaried.

H. A. B. Dunning, of Hynson, Westcott & Dunning, Baltimore, manufacturers of pharmaceutical specialties, was elected first vice-president of the Maryland Pharmaceutical Association at the annual meeting in Buena Vista Springs, Pa. The association decided to publish a monthly journal, to be known as the "Maryland Pharmacist."

Geo. H. Lincks reports exports of kauri gum from New Zealand during April as follows: United States, 442 tons, valued at £29,064; United Kingdom, 333 tons, valued at £22,961; France 25 tons, valued at £1,393; Canada, 8 tons, valued at £595 and Australia 1 ton, valued at £111.

W. G. Marshall, president of W. G. Marshall Drug Co., Cleveland, and head of National Pharmacal Co., who has just returned from Europe, states that the drug market in the United States is not only steady but in a healthy condition that will probably be maintained through the Fall.

A large part of the 1924 crop of pyrethrum flowers in Dalmatia remains unsold, Consul L. A. Davis, Zagreb, Yugoslavia, reports to the Department of Commerce, and the slump in trade in this product is causing serious financial difficulties for the growers.

The National Wholesale Druggists' Association has issued a bulletin urging its members to co-operate with the government prohibition forces in the adoption of the new administrative policy which has just been announced by Assistant Secretary Andrews.

Licht Drug Co., Inc., 936 Sixth ave., New York, has filed schedules in bankruptcy showing liabilities \$31,708 and assets \$13,449. The principal creditors are David D. Deutsch \$19,601 and Lehn & Fink, Inc., \$3,979, secured.

Smith, Kline & French Co., Philadelphia, held the second annual picnic for employees on June 6.

VICK ANNOUNCES PERSONAL PROMOTIONS

H. S. Richardson, president, Vick Chemical Co., Greensboro, N. C. has announced a number of promotions in the personnel of the company, effective July 1. Allen T. Preyer, formerly sales manager, has been made director of sales with full supervision of sales and advertising. Henry B. Yates, formerly assistant sales manager, has been made sales manager with jurisdiction over all domestic business. Hugh D. McKay becomes foreign sales manager. Charles G. Yates, formerly traffic manager, has been made production and office manager. The slogan of the company "over 17 million jars used annually," will be increased to 21 million in keeping with the increased business. The growing of Japanese mint by the company for the production of menthol, will now be placed in a separate department under the direction of G. A. Russell, for 14 years with the Department of Agriculture. In the climate of North Carolina, according to a statement by Mr. Richardson, the Japanese mint is at its best in growth and menthol yield.

N. Y. Q. MOVE OFFICE TO BROOKLYN

New York Quinine & Chemical Works have announced the removal of their main and sales offices to the office building connected with the plant at North 11th and Berry sts., Brooklyn, N. Y. The offices were located at 152 William st., New York, and were moved on June 30. The building in which the N. Y. Q. offices have been located for the past several years will be demolished early this Fall along with the building at 89 to 97 Fulton st. and on William, corner Fulton st., to make way for a multistory office structure to be erected by New York insurance interests.

Announcement has also been made by the N. Y. Q. that on Sept. 1 Ralph C. Jennings, vice-president in charge of sales, will return to the Mid-West with headquarters in Chicago. Mr. Jennings formerly had charge of the sales in the Mid-Western territory and is well known in that section.

The call for drugs is holding up well, according to the Federal Reserve Bank of Philadelphia. The most active demand is for insecticides, toilet preparations, patent medicines and summer specialties. Several price changes occurred during the month but resulted in no great departures from May levels. The tendency of prices for some drugs and fine chemicals appears to be slightly upward, but figures for botanical drugs are lower. During May the net sales of 14 wholesale drug firms in Philadelphia were 4.1 per cent smaller than the preceding month, but 5.7 per cent larger than during the same period a year ago.

Stocks of opium in Constantinople on May 19 amounted to about 80 cases druggists', 40 cases "softs" and 14 cases Malatia. Prices were around 33 to 38 piastres per oke for the druggists', 42 piastres for the softs and 38 to 39 piastres for the Malatia. The Turkish crop prospects are good, but the Persian crops have been affected by frosts and the demand for Turkish is expected to increase.

The new Dutch tariff, in effect July 1, provides for an import duty of 50 per cent ad valorem on "secret" medicines, and 8 per cent on all other medicinal and pharmaceutical preparations. Secret medicines include a special list drawn up by the Minister of Finance and any others when the place of origin, composition and method of manufacture are not disclosed.

The Essential Oil Market

Current Spot Quotations of Essential Oils, pages 53-54, Aromatic Chemicals, 54

ANOTHER SHARP RISE IN SPEARMINT

Heavy Demand Cuts Down Available Stocks—No Change in Spot Peppermint Although Country Is Very Bullish on 1925 Crop—Distilled Lime Oil Higher—Citronella Weak—Lemon and Anise Firmer

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Oil Limes, Dist., 10c lb.
Oil Spearmint, \$2 lb.

Oil Lemon, 5c lb.
Oil Anise, 2½c lb.

Advanced

Oil Citronella, Ceylon, 2c lb.

Declined

Oil Citronella, Ceylon, 2c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot	\$3.25	\$3.25	\$3.40	\$3.75	\$7.00	\$5.00
Oil Citronella Ceylon	.60	.62	.65	.80	1.02	.60
Oil Cloves	1.70	1.70	1.70	1.75	3.70	1.40
Oil Lemon, Italian	1.10	1.05	.95	.80	1.70	2.00
Oil Peppermint Nat.	19.00	19.00	13.00	4.00	9.00	2.24
Oil Sandalwood, E. I.	7.00	7.00	7.00	6.25	14.00	5.25
Oil Sassafras, Artif.	.27	.27	.27	.35	1.00	.26
Coumarin	3.25	3.25	3.25	3.50	31.00	3.10
Benzaldehyde U. S. P.	1.30	1.30	1.30	1.50	5.15	1.50
Methyl Salicylate, Cans.	.47	.47	.47	.47	1.00	.85
Vanillin	.40½	.40½	.40½	.40½	.96	.20
Average	3.54	3.53	2.92	2.14	6.83	2.05

The business which has been done in peppermint oil on spot during the past week has been small. Demand has been less and stocks are still extremely meagre. Substitutes are moving well, however, and have cut into the oil business. Another sharp rise in spearmint has followed larger demand and the gradual depletion of spot stocks of this oil, a direct reflection of the peppermint situation. All reports from the country are very bullish on 1925 oil. From one quarter another short crop is predicted this year and a price range anywhere from ten to twenty dollars over the next twelve months, with nothing under the minimum figure. The general business in essential oils has been dull this week. The rise in average prices for June is due solely to the skyrocket movement of peppermint. Dealers report higher prices for distilled lime oil, a firmer market for lemon and anise, and weakness in citronella.

Essential Oils

Oil Anise—Although the situation in China has had very little effect on the spot market for the past fortnight, this week has seen a slight strengthening in prices here. U.S.P. oil is generally held at 65c spot, cheaper sellers in most cases having moved up this week. Technical oil 60c.

Oil Bergamot—The position is not changed a great deal. Prices are the same, anything from \$3.25 to \$3.75 lb. on spot as to brand, quantity, quality, and seller. Demand continues slow.

Oil Cassia—The tendency to strengthen is not a very pronounced affair. Dealers here are holding prices down in competition in spite of the situation in China. Generally named at \$2.40 lb. spot for U.S.P. in cans, although \$2.35 will still buy oil in some quarters. Technical \$1.90 unchanged.

Oil Citronella—Weakness still characterizes the citronella spot position. Demand is dull and shipments

are offered more freely with few takers at current levels. Spot drums of Ceylon oil are heard down to 60c with quotations ranging to 62c and 63c, as to seller. Goods afloat are just about at this level, perhaps a few cents cheaper. Competition is keen for the limited business. Java oil is likewise soft owing to lack of demand. Spot is held at 95c drums. Demand for manufacture of geraniol at this price when other products are getting cheap, is naturally limited.

Oil Cloves—Predict an advance in the price of cloves shortly based on spice position. Oil from distillers still offered at \$1.70 for cans and drums, ranging to \$1.75 for bottles.

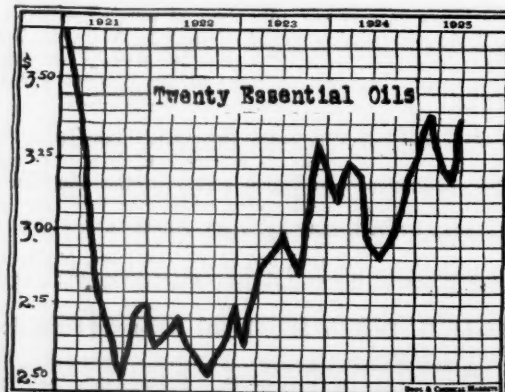
Oil Geranium—Plenty of oil offered on spot at \$3.75 lb. for a good grade Bourbon. Better qualities at \$4.00. Demand continues fair although much of the demand has apparently been satisfied by recent active buying. Many users are turning back to Bourbon oil with the price at \$3.75. African geranium \$5.00 up to \$6.50 as to quality.

Oil Lemon—Undertone of the lemon situation is very firm as well it might be with shipment fifteen or twenty cents over spot prices and the beginning of Summer just at hand. Demand, however, is not up to what it should be at this season. Inside for spot oil, according to brand, ranges from \$1.10 up to \$1.25 lb. Unbranded goods can be had at \$1.07½ in quantity. Shipment averages close to \$1.00 in bond which means \$1.25 duty paid.

Oil Limes—Holders of distilled limes who have been selling at \$1.75, have come up to \$1.85 lb. this week, in line with other sellers who moved higher ten days ago. Up to \$2.00 is quoted spot. Expressed oil is about cleaned out and no market exists. A few odd five pound lots would perhaps command \$6.50 to \$7.00 lb.

Oil Orange—Prices still hold low, although several dealers state that they see an advance impending in Italian oil. Spot demand is quiet with prices unchanged at \$2.55 lb. all the way up to \$3.00 as to brand, quantity, and seller for Italian oil spot. West Indian oil is held at \$2.50@\$2.60 lb. as to seller.

Oil Peppermint—The latest report from a country authority says that another short crop is due for 1925.



He says last year was 100,000 lbs. under the needs of consumers and that this year will be the same. He also reports that in spite of increased acreage this year, yield of oil will be 350,000 to 400,000 lbs. and the price will not go below ten dollars again for another year at last. Most predictions have looked for a 600,000 lb. crop this year. The expected shortage is blamed on the weather. Of course, the source of the information suggests country influence. High prices in the past have made short crops stretch remarkably when harvesting time arrived. On spot, demand is quiet and supplies small. Natural oil is \$18.00@20.00; U.S.P. \$19.00@21.00 lb. Substitutes are in good demand and if the price holds up until Fall, Japanese oil may wend its way through the red tape of the Department of Agriculture.

Oil Spearmint—Another sharp advance in spearmint has followed active demand and rapid depletion of stocks. Spot oil is held at \$7.50 lb. with little available. Many people are using it in place of peppermint at this time.

Aromatic Chemicals

Coumarin—Demand is steady, mostly on contract shipments. Price is firm and well held at \$3.25 lb. from makers or resellers.

Geraniol—Demand is not as active owing to lower priced Bourbon geranium which has commanded much business of late.

Menthol—Generally held at \$11.00 lb. spot cases with Sept.-Oct. position at the same level. Price is out of line on low side with forward positions. Lots continue to come out at \$10.75 once in a while, but not in any quantity.

Terpenes—An active demand exists for all terpenes for use in cheap compounds. Peppermint and other terpenes are in heavy use in several new imitation flavors.

ESSENTIAL OIL IMPORTS INCREASE

A rise in value but a sharp decline in quantity characterized the export trade of essential oils during May, according to the Chemical Division, Department of Commerce. Shipments amounted to 130,000 pounds, valued at \$175,000. In contrast to the exports, imports recorded a 50 per cent increase in quantities received, or 421,000 pounds, and a 13 per cent increase in values or a total of \$509,000. No otto of rose entered the country during the month. Receipts of other oils were: Geranium, 28,000 pounds, \$109,000; bergamot, 2,000 pounds, \$10,000; citronella and lemongrass, 122,000 pounds, \$106,000; lavender, 5,000 pounds, \$11,000; lemon oil, 67,000 pounds, \$49,000; orange oil, 21,000 pounds, \$47,000; and sandalwood oil, 50 pounds, \$312.

The trade in perfumery and toilet preparations was favorable with improvements made in both the outgoing and incoming shipments, a total of \$681,000 worth having been exported and \$495,000 worth in imports having been reached. There were indications of slightly lower valuations in exports of perfumery and toilet waters, and talcum and toilet powders, but higher values for dentifrices. The exports for goods of this type were: Creams, rouges and other cosmetics, \$118,000; perfumery and toilet waters, \$34,000; talcum and other toilet powders, \$150,000; dentifrices, \$268,000; and all other toilet preparations, \$112,000. The imports were: Perfumery, bay rum and toilet waters, \$167,000; perfume materials, \$264,000, and cosmetics, powders, and creams, \$63,000.

The Editor's Correspondence

Upholds Case of Imported Benzaldehyde

Editor, DRUG & CHEMICAL MARKETS:

Upon looking over your essential oil market report, I notice that you have been recently stating that Benzaldehyde of European origin is being offered at \$1.00 or less as to sample and that the quality was an unknown factor. As an importer of this product, I strongly object to such representation and I must request you to stay within the limit of facts in making reports, as they more or less affect everybody concerned. In the first place the product is not being offered at \$1.00 or less for sale in this country nor is there any question about quality, statements published by parties interested on this side to the contrary.

P. R. DREYER

New York, June 25, 1925.

EXTRACT MAKERS ELECT FRED S. ROGERS

(Special to DRUG & CHEMICAL MARKETS)

Chicago, July 1—The Flavoring Extract Manufacturers' Association elected the following named officers at the annual convention held here last week:

President, Fred S. Rogers, McMonagle & Rogers Co., Middletown, N. Y.; first vice-president, R. H. Bond, McCormick & Co., Baltimore; second vice-president, T. W. Carman, Baker Extract Co., Springfield, Mass.; third vice-president, D. T. Gunning, Arbuckle Bros., Chicago; treasurer, S. L. Beggs, Styron-Beggs Co., Newark, O.; secretary, R. E. Heekin, Heekin Co., Cincinnati. Executive Committee—the officers, and Gordon M. Day, of Day Bergwall Co., Milwaukee; George H. Burnett, of Joseph Burnett Co., Boston; L. B. Parsons, of Seeman Bros., New York; Robert S. Joyce, of L. A. Colburn Co., Philadelphia.

About 200 members attended. Fred S. Rogers, president, delivered his annual address, and Dr. J. W. Sale, of the Bureau of Chemistry, spoke on the labeling of flavoring extracts.

Practically complete reports on the result of the 1925 Bulgarian rose crop have been received by Ungerer & Co. from Botu Pappazoglou & Co., Kazanlik, under date of June 13. Detailed information from the producing districts shows that the crop is as much as forty or even fifty per cent below last year's yield.

The Federal Trade Commission has dismissed its complaint against Empress Manufacturing Co., New York City, manufacturer of toilet preparations. The complaint charged misleading advertising in the sale of the company's products.

The Customs Service, Treasury Department, has announced the allowance of drawback on flavoring extracts and concentrated flavors manufactured by Foote & Jenks, Jackson, Mich., with the use of domestic tax paid alcohol.

Max Brown of M. Brown & Son, Bremen, Ind., peppermint oil factors, was a visitor in the New York essential oil trade last week.

G. A. Pfeiffer, of Richard Hudnut, New York, was a recent visitor at Grasse, France, as the guest of Hugues Aine (Charabot & Co.).

Colgate & Co. have obtained judgment in New York County for \$165.58 against Anthony De Angelis.

DRUG AND FINE CHEMICAL SECTION

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical, and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrines, sizes, and starches; fertilizer materials; accelerators and solvents, and miscellaneous products Crude Drugs, including barks, herbs, roots, etc. Essential Oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallow, greases, and fats. All groups are in alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available,

and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	—	.833 Imperial Gallon
1 American Gallon	—	3.79 Liters
1 Liter	—	.264 American Gallon
1 American Gallon (Water)	—	8.35 Pounds
1 Pound (Avoirdupois)	—	.454 Kilogram
1 Kilogram	—	2.20 Pounds

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Chemicals

ACETANILID, tech 150 lb bbls.36	.38
100 lb kegs.27	.30
USP, 200 lb bbls.35	.37
Second Hands . . . . .	.35	.36
Acetic Anhydride		
85-89%, 107 lb chys. . . . .	.38	.40
90-95%, 100 lb chys. . . . .	.41	.45
CP, 100 lb chys. . . . .	.75	.80
Acetone, CP 700 lb drs c/lwls. . . . .	.13	.13
700 lb drs. c/l wks. . . . .	.13	.13 1/2
350 lb drs. c/l wks. . . . .	.14	
Tank cars, wks. . . . .	.12	
Acetone, 50 gal drums . . . . .	.37 1/2	.40
Acetone Oils, light, drs. wks.	1.40	1.45
Heavy, drs., wks.	1.40	1.45
Acetophenetidin, 225 lb bbls.	1.80	1.90
Acetyl Chloride, 100 lb chys. . . . .	.88	.85
ACID, 1, 2, 4, 250 lb bbls. . . . .	. . .	1.90
Acetic, 28%, 400 lb bbls. c/l wks. . . . .	. . .	3.00
58%, 1c/l wks. . . . .	. . .	3.25
56%, c/l wks. . . . .	. . .	5.00
56%, 1c/l wks. . . . .	. . .	5.85
70%, bbls, c/l wks. . . . .	. . .	6.89
70%, 1c/l wks. . . . .	. . .	7.14
80% coml. bbls, c/l wks. . . . .	. . .	7.73
80% coml. 1c/l wks. . . . .	. . .	8.08
80% pure bbls, c/l wks. . . . .	. . .	8.73
80% pure 1c/l wks. . . . .	. . .	9.87
Glacial, bbls, c/l wks. . . . .	. . .	10.87
Glacial, 1c/l wks. . . . .	. . .	10.82
Glacial, USP chys, wks. . . . .	. . .	11.32
Acetyl Salicylic, 225 lb bbls. . . . .	.75	.80
Second Hands . . . . .	.70	.72
Anthranilic, tech, drs. . . . .	. . .	.80
99-100%, 100 lb drs. . . . .	.98	1.00
Benzole, tech, 100 lb bbls. . . . .	. . .	.65
Tech. ton lots bbls. . . . .	.69	.60
USP, 100 lb bbls. . . . .	.69	.70
Second Hands . . . . .	.65	.67
Boric, crys. powd 250 lb bbls. . . . .	. . .	.09 1/2
Kegs, 100 lb . . . . .	.10	.10 1/2
Bromine, 250 lb bbls. . . . .	. . .	1.25

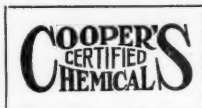
ACID		
Butyric, 60% pure, 5 lb bot. . . . .	.55	.60
90% . . . . .	.70	.75
C.P. 10 lb bot.	1.25	1.50
Camphoric USP, VIII 1 lb bot.	5.50	5.70
Carbolic, USP crys. see also Phenol		
112 lb tins . . . . .	.26	.27
25 lb tins . . . . .	.28	.29
5 lb tins or bot. . . . .	.30	.32
1 lb bot. . . . .	.35	.36
Liquid USP, 1 lb bot. . . . .	.34	.35
Crude, 35% 50 gal. bbls. . . . .	.33	.35
10%, 50 gal. bbls. . . . .	.27	.30
Carbonic, see Carbon Dioxide		
Chloracetic		
Mono 100 lb bbls. wks. . . . .	. . .	.25
Di, 150 lb chys. wks. . . . .	. . .	1.00
Tri, 5 lb bot. . . . .	. . .	2.50
Chlorosulfonic, 1500 lb drs.		
wks. . . . .	.15	.16
Chromic, USP, 200 lb drums. . . . .	. . .	.37
85% Pure, 200 lb drums. . . . .	. . .	.35
Chromotropic, 300 lb bbls. . . . .	. . .	1.35
Chrysanthic, see Chrysanthin		
Cinnamic, 5 lb cans	3.25	3.50
CITRIC, USP, crys. 230 lb bbls. . . . .	. . .	.45 1/2
Powd., USP, 200 lb bbls. . . . .	. . .	.46 1/2
Imported crys. 112 lb kegs . . . . .	.46	.47 1/2
Single kegs . . . . .	. . .	.47
Clere's, 250 lb bbls. . . . .	.95	.97
Cresylic, 95% pale, drs. NY gal . . . . .	.57	.60
Crude, spot, drums. . . . .	.59	.62
Diethylphosphoric, Dom. 25 lb bot.	8.00	9.00
Imp., 10 lb lots	4.00	4.15
Formic, 85% tech, 140 lb chys. . . . .	.10 1/2	.11
90% 80 lb chys. incl. . . . .	.11	.11 1/2
Gallie, USP, 150 lb bbls. . . . .	. . .	.65
Gamma, 225 lb bbls. wks.	1.40	1.45
Glycerophosphoric, 25% 1 lb bot. . . . .	. . .	. . .
H 225 lb bbls. wks.	1.85	1.95
Hydrolic, 10% USP 5 lb bot . . . . .	.68	.72
	.65	.70

ACID (Cont.)		
Hydrobromic, 48% coml. 155 lb chys. wks. . . . .	.45	.48
48% coml. 10 chys. wks. . . . .	. . .	.45
40% USP, 155 lb chys. wks. . . . .	. . .	.65
10% USP, 100 lb chys. wks. . . . .	. . .	.13
Hydrochloric, see also Acid Muriatic		
CP, USP, 110 lb chys. . . . .	.07	.01
Hydrocyanic, wks, cyl. . . . .	.90	1.00
HYDROFLUORIC, 30% 400 lb bbls. wks. . . . .	. . .	.06
30% 100 lb chys. wks. . . . .	. . .	.08
48% single 100 lb chys. wks. . . . .	. . .	.10
52% 100 lb chys. wks. . . . .	. . .	.12
52% 10 chys. wks. . . . .	. . .	.11
60% 100 lb chys. wks. . . . .	. . .	.14
60% 300 lb dr. wks. . . . .	. . .	.13
White Acid, 100 lb chys. wks. . . . .	. . .	.28
White Acid, 10 chys. wks. . . . .	. . .	.25
Hydrofluosulfic, 25% 450 lb bbls. wks. . . . .	.10	.12
Hypophosphorous, USP 30% 5 gal. dems. . . . .	. . .	.35
USP, 10% 5 gal. dems. . . . .	. . .	.36
LACTIC, 22% dark 500 lb bbls. . . . .	.05 1/2	.06
22% light, bbls. . . . .	.06 1/2	.07
44% dark, bbls. . . . .	.11	.12
44% light, bbls. . . . .	.13	.13 1/2
66% dark, bbls. . . . .	.18	.18 1/2
66% light, bbls. . . . .	.26	.27
USP, IX 100 lb chys. . . . .	. . .	.70
USP, VIII 100 lb chys. . . . .	. . .	.59
Laurent's, 250 lb bbls. . . . .	.80	.85
Metaolic, 250 lb bbls. . . . .	.80	.85
Mixed, Sulfuric-nitric		
Drums, wks.	N Unit	.07 1/2
Drums, wks. . . . .	.8 unit	.01 1/2
Tank cars, wks.	N Unit	.06
Tank cars, wks. . . . .	.8 Unit	.008
Molbdic, 85% pure 100 lb kegs	1.25	1.30
100% C. P. 100 lb kegs	1.30	1.35
Monomelic, F. Delta, 50 lb tins	1.75	1.80

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Chemicals

ACID

MURIATIC, 30° chys. 1c/l		
wks.100b	1.60	: 1.70
Chys. c/l wks.100b		: 1.55
Tank cars, wks.100b		: 1.60
18°, 120b chys. ....100b		: 1.25
c/l wks. ....100b		: 1.25
Tank cars, wks. ....net ton		: ...
22°, 120b chys. ....100b		: 1.85
c/l wks. ....100b		: 1.85
Muriatic, CP & USP, see Acid Hydrochloric		
Naphthionic, tech. 250 b. bbls	.55	: .59
Norite & Winters', 250b	1.00	: 1.05
NITRIC, 36°, 185b		
Chys. 1c/l wks. ....100b	4.75	: 5.00
Chys. c/l wks. ....100b	4.50	: 4.75
38° 1c/l chys. wks. ....100b	5.25	: 5.75
Chys., c/l wks. ....100b	5.00	: 5.25
40° 1c/l chys. wks. ....100b	5.75	: 6.00
Chys., c/l wks. ....100b	5.50	: 5.75
42° 1c/l chys. wks. ....100b	6.25	: 6.75
Chys., c/l wks. ....100b	6.00	: 6.25
C. P. chys. single wks. ....100b	.12	: .13
Sulfic, 300b bbls, wks. ....b	.10%	: .11
bbls, NY ....b	.10%	: .11
Kegs, 100b NY ....b	.11%	: .11%
Imp, 500b casks ....b	.11	: .11%
Phenylchlorine, domestic ..b	9.20	: 9.60
Imported, 5b ....b	6.00	: 6.25
Phosphoric, 50% tech, 150b		
chys. ....b	.07	: .07%
Drums, c/l wks. ....100b		: .80
demis ....b	.15	: .17
Imported ....b		: .16%
Second Hands ....b	.15	: .16
Phthalic, see Phthalic Anhydride		
Picramic, 300b bbls ....b		: .50

ACID

Pieric, 450b bbls. ....b	.26	: .27
Bbls. car lots, wks. ....b		: .25
Pyrogallic, chys. 5b cans. ....b	1.25	: 1.30
Resublimed, 5b cans. ....b	1.50	: 1.60
Tech. powd., 200b bbls. ....b		: .85
Salicylic, tech. 125b bbls. ....b	.33	: .34
USP, 100b bbls. ....b	.34	: .35
Second Hands ....b	.33	: .34
Sulfanilic, 250b bbls. ....b	.15	: .18
SULFURIC, 66° 180b chys.		
1c/l wks. ....100b	1.50	: 1.85
Chys., c/l wks. ....100b		: 1.25
1500b Drums, 1c/l		
wks. ....100b		: 1.10
Drums, c/l wks. ....100b		: .80
Tank cars, wks. ....net ton		: 14.00
60° 1500b Drums		
1c/l wks. ....100b		: 1.00
Drums, c/l wks. ....b		: .80
Tank cars, wks. ....net ton	9.50	: 10.00
C.P. 175b chys. ....b	.07	: .08
Oleum 20 p.e. 1500b drums		
1c/l wks. ....100b		: 1.40
Drums, c/l wks. ....100b		: 1.15
Tank cars, wks. ....net ton	17.00	: 18.00
Oleum, 40% drs 1c/l wks. net ton		: 40.00
Oleum, 60% drs., 1c/l wks. net ton	60.00	: 70.00
Sulfurous, USP 6% 100b chys. ....b	.05	: .06
4% 100b chys. ....b	.04	: .05
USP, 5 gal. demis. ....b	.08	: .08
Tannic, tech. 300b bbls. ....b	.30	: .40
USP, powd. 200b bbls. ....b	.75	: .80
USP, fluffy, 50b bbls. ....b	.75	: .80
Tartaric, USP, cryst. 300b bbls. ....b		: .29
USP, powd. 300b bbls. ....b		: .29
Imp. USP, 240b bbls. ....b	.37%	: .39
Powd., 240b bbls. ....b	.28	: .28%
Tobias, 250 b bbls. ....b		: .85

ACID

Tungstic, 100 b kegs ....b		: 1.00
Valeric, C. P., 10b bot. ....b	2.50	: 2.75
Aconitine Alk. cryst. 1 oz, vis. ....b		: 30.00
Amorphous, 1 oz vis. ....b		: 30.00
Adeps Lanae, hydrous 350b bbls. ....b	.13	: .21
Anhydrous, 350 b bbls. ....b	.18	: .23
Albumen, Egg. edible ....b	1.20	: 1.25
Tech. 100b drs. ....b	.95	: 1.15
Blood 225b bbl. ....b	.43	: .55
Vegetable ....b	.60	: .65
ALCOHOL, USP, 190 pf. 50 gal.		
bbls. ....gal	4.90	: 5.00
Second Hands, bbls, USP 190		
pf. ....gal		: ...
Export, USP, 190 pf. ....gal	.60	: .85
Cologne Spirit, 50 gal. bbls. ....gal	5.00	: 5.10
WOOD, see Methanol		
Alcohols also in 50 gal.		
drums extra and returnable		
Butyl, 50 gal. drs. wks., c/l. ....b	.24%	: .25%
Drums, 1c/l wks. ....b	.25%	: .26%
Tank cars, wks. ....b	.24%	: .25%
Isobutyl, crude, 50 gal. drs. ....gal		: ...
Refined, 10b can. ....b		: ...
Isopropyl, Refined, 90-91%.		
50 gal. drs. ....gal	1.00	: 1.25
Ref'd, 98-99%, drs. ....gal	1.25	: 1.50
Propyl. nml. crd. 50 gal. drs. ....gal		: 4.40
Refined, 10b cans. ....b		: .75
Denatured		
No. 1, Complete Denat. 190 Proof		
50 gal. bbl. incl. ....gal	.61%	: .63%
Car lots ....gal		: .59%
50 gal. drums, extra. ....gal	.62%	: .64%
Car lotsgal		: .59%
No. 1, Special Denat. 190 Proof		
50 gal. bbl. incl.gal	.60%	: .62%
Car lotsgal		: .58%

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Chemicals

ALCOHOL, DENAT. (Cont.)

50 gal. drums, extra.....gal	.52½	.54½
Car lotsgal		.50½
No. 5, Complete Denat. 188 Proof		
50 gal. bbl. incl. ....gal		.54½
Car lots .....gal		.52½
50 gal. drums, Extra .....gal		.47½
Car lots .....gal		.45½
No. 6, Complete Denat. 188 Proof		
50 gal. bbls. incl. ....gal		.53½
Car lots .....gal		.51½
50 gal. drums, extra .....gal		.46½
Car lots .....gal		.44½

In addition to the regular authorized formulas for completely denatured alcohol, some 75 formulas for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.

Aleoin, USP, 100 lb cases.....lb	.85	.88
Alpha-Naphthol crude 300 lb bbls. lb		.65
Refined .....lb	.85	.90
Alpha-Naphthylamine, 350 lb bbls. lb	.85	.87
Ten lots, bbls. wks.....lb		.35
ALUM, Ammonia, lump 400 lb bbls.		
Wks., lc/l .....lb	3.15	3.50
Imp., 500 lb cases 100 lb		
Ground, 400 lb bbls. wks.100 lb	3.50	3.75
Powd. 380 lb bbls. wks.100 lb	3.55	3.99
Chrome, 500 lb cks., wks.100 lb	5.25	5.50
Potash, lump 400 lb bbls.		
Wks. ....100 lb	3.50	3.75
Bbls., c/l wks. ....100 lb	3.35	3.40
Ground, 400 lb bbls. wks.100 lb	3.50	3.85

ALUMS, Potash (Cont.)

Imp., 350 casks.....100 lb	2.75	
Powd., 380 lb bbls. wks.....100 lb	4.00	4.50
Chrome, 500 lb cks. wks.....100 lb	5.25	5.50
Soda grd. 400 lb bbls. wks.100 lb	3.75	
Bbls. c/l wks. ....100 lb	3.50	
Aluminum, metal, c/l NY.....100 lb	27.00	38.00
Chloride, anhyd. 275 lb drs. lb	.20	.22
Crystals, 375 lb bbls.....lb		.06½
30% sol. 120 lb chys.....lb	.08½	.04
Hydrate 96% light 90 lb bbls. lb	.17	.18
Heavy 62-64%, 220 lb bgs lb	.06	.06½
400 lb bbls. wks.....lb	.06½	.07
Stearate, 100 lb bbls.....lb	.21½	.23
SULFATE, Iron-free bags c/l		
Wks. ....100 lb	2.00	2.10
Bbls., c/l wks. ....100 lb	2.15	2.25
Imported, spot .....100 lb	1.70	1.75
Comm'l. ½% iron bgs c/l		
Wks. ....East 100 lb	1.55	1.40
Cont. bgs c/l wks. E.100 lb	1.55	1.40
Bags, c/l wks. W.....100 lb		1.40
Bbls., c/l wks. East.....100 lb		1.55
Bulk, c/l cont. wks. E.100 lb		1.50

Amidol (see Diaminophenol)

Amidopyrine, Imp., 10 lb boxes..lb	4.80	4.75
Domestic, 10 lb boxes.....lb		4.75
Aminobenzene, 110 lb kgs.....lb		1.15
AMMONIA, anhyd. 100 lb cyl.....lb		
Water, 26° 800 lb drs. wks.....lb		.06½
Dr. c/l wks.....lb		.06½
C.P., chys.....lb		.12
Imp., 800 lb drs. incl. spot. lb	.06½	.06½
26° 100 lb chys. lc/l wks.....lb	.08½	.08½
Chys., c/l wks.....lb		.08½
20° 800 lb drs. c/l wks.....lb		.04½
Chys. lc/l wks.....lb		.05½
18° 800 lb drs. c/l wks.....lb		.04½
Chys. lc/l wks.....lb		.04½

AMMONIA (Cont.)

16° 800 lb drs.1 c/lwks ..lb		.03½
Chys., lc/l wks.....lb		.04
Ammonium Acetate, 100 lb kgs. lb		.43
Benzonate, USP, 1 lb bot.....lb		1.27
Bisulfide, 300 lb bbls.....lb	.21	.23
100 lb kgs.....lb	.22	.23
Bromide, 450 lb bbls., 50 lb bxs. lb	.53	.54
Imported, 112 lb boxes.....lb	.51	.52
Shipment .....lb		.52
Carb., tech. 560 lb casks.....lb	.08½	.09
Powd., tech. 385 lb bbls. lb	.07½	.08
USP, lump, 100 lb kgs.....lb	.12	.12½
Powd., 100 lb kgs.....lb	.13	.13½
Chloride, Domestic		
White, 250 lb bbls., c/l.....lb		.07
250 lb bbls., lc/l wks.....lb	.07½	.07½
Imported white 600 lb casks spot.	.05½	.05½
Gray, 250 lb bbls., wks.....lb	.07½	.08½
Bbls., c/l wks.....lb		.07½
Imported gray 250 lb casks.....lb	.06½	.07
Lump, 500 lb casks spot.....lb	.12	.12½
Isotlylate, as to brand.....lb	4.85	5.00
Iodide, USP, 25 lb jars.....lb		5.30
Lactate, 500 lb bbls.....lb	.15	.16
Nitrate, tech., crys., 225 lb bbls. lb		
Refined Crystals, bbls. ....lb	.21	.23
CP gran. 100 lb kgs.....lb	.35	.37
Oxalate, pure, 100 lb kgs.....lb	.35	.37
Persulfate, 220 lb bbls.....lb	.28	.29
Phosphate, dibase 200 lb bbls. lb		.38
Tech. powd. 325 lb bbls.....lb		.18
Phosphate, mono, 325 lb bbls. lb	.12	.12½
Salicylate USP, 100 lb kgs.....lb	.75	.80
Sulfate bulk c/l wks.....100 lb	2.60	2.65
200 lb single bgs., c/l wks.100 lb		2.90
200 lb double bgs f a s 100 lb		2.55
Sulfoeyanide, tech., 100 lb kgs lb	.40	.45
CP, 25 lb jars.....lb	.50	.55
Ampl Acetate, tech 50 gal drs. gal	2.70	2.80
Refined, 50 gal. drums.....gal	3.50	4.00
Alcohol, see Fuel oil		



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ANILINE OIL, 900 lb drums.....D	.16	.17	BARIUM BINOXIDE, see Barium dioxide			Benzol, see Benzene		
Aniline Salt, 200 lb bbls.....D	.20	.22	Carbonate, precip., 300 lb bbls			Benzonaphthol, 5 lb boxes.....D	3.50	3.50
Annatto, fine.....D	.41	.43	via.....ton	56.00	58.00	Benzoyl Chloride, 500 lb drs..D		1.00
Anthracene 80-85% 600 lb casks			Precip., 200 lb bgs, wks, ton	54.00	56.00	Benzyl Acetate, 100 lb clys.....D	1.55	1.75
via.....D	.65	.70	Imports bags, NY.....ton	48.00	50.00	Alcohol, 5 lb bot.....D	1.45	1.55
Anthraquinone, subl 125 lb bbls D	1.00	1.15	Chloride, 800 lb bbls, wks..ton	64.00	65.00	Benzoate, 5 lb bot.....D	1.60	1.75
Antimony metal, slabs ton lots..D	..	.16 1/4	200 lb bgs, wks.....ton	63.00	64.00	Medicinal FFC.....D	1.75	2.00
Needle Powd., 100 lb cases.....D	.15 1/4	.16	Imports, large crystals, bbls,			Chloride, 95% tech. 925 lb drs..D	..	.35
ANTIMONY CHLORIDE, anhyd 1000 lb			spot.....ton	61.00	62.00	100 lb clys.....D	.25	.30
dra.....D	..	.35	Small crystals.....ton	60.00	61.00	Redistil. 160 lb clys.....D	.30	.35
50 lb casks.....D	.45	.48	Dioxide, 88% 690 lb drs.....D	.13	.13 1/4	Formate, 1 lb bot.....D	3.25	3.50
Sol'n, 130 lb carboys 35%.....D	..	.06	Import, 86-88% 400 lb drs..D	.13	.13 1/4	Berberine Hydrchloride, 1 lb bot....D	..	22.50
Oxide, 500 lb bbls.....D	..	.17	Hydrate, 500 lb bbls.....D	.04 1/4	.05	Sulfate, acid or neut. 1 lb bot..D	..	22.00
Salt, dom. 500 lb bbls.....D	..	.26	Iodide, 5 lb box.....D	..	5.15	BETA-NAPHTHOL, 350 lb bbls.wksD	.24	.25
Imp. NY.....D	..	..	Nitrate, 700 lb casks.....D	..	.10	Carlots, wks.....D	..	.23
Sulfuret, golden 500 lb bbls..D	..	.20	Imports casks.....D	.07 1/4	.08	Sublimed.....D	.55	.60
330 lb kegs.....D	.22	.23	Sulfocyanide, 600 lb bbls.....D	.28	.30	Beta-Naphthylamine, tech. 200 lb		
Crimson, 500 lb bbls.....D	.48	.55	Barwood, chips.....D	.04 1/4	.05	bbls.....D	.63	.67
336 lb kegs.....D	.50	.57	Barytes, floated 350 lb bbls. wks.ton	23.00	24.00	Sublimed, 200 lb bbls.....D	..	1.35
Vermillion, 500 lb bbls.....D	.48	.53	Imported.....ton	29.00	33.00	Bichloride Mercury, see Mercury Bichloride		
336 lb kegs.....D	.50	.60	Crude, c.l.f.....ton	..	9.00	BISMUTH metal, 100 lb cases..D	2.00	2.12
Tartrolactate, 500 lb bbls.....D	..	.45	Bay Rum, Porto Rico, genuine			Second Hands.....D	..	2.00
Antipyrine, USP, 100 lb cases.....D	1.75	1.90	Medicated salicyl. acid or tartar			Ammon. Citrate, USP, 5 lb cansD	..	5.30
Apomorphine Hydrchloride, 1/4 oz. vis.oz	..	22.10	45 gal. bbls.....gal	.90	1.00	Betanaphtholate, 5 lb bxs.....D	..	2.80
Archil, double 600 lb bbls.....D	.13	.14	Medicated quinine sulf. 45 gal.			Citrate, USP, 5 lb cans.....D	..	2.50
Triple, 600 lb bbls.....D	.16	.17	bbls.....gal	.90	1.00	Nitrate, 25 lb jars.....D	..	1.60
Cone., 600 lb bbls.....D	.18	.20	Domestic synthetic, 50 gal.			Oxychloride, 25 lb bxs.....D	..	2.95
Arecoline Hydrchloride, 1 oz. vial..oz	8.75	10.25	Bbls.....gal	.75	.77	Phenolsulfonate, 5 lb cans.....D	..	2.70
Argols, red powd., 350 lb bbls..D	.06 1/4	.07	St. Thomas			Salicylate, 25 lb bxs.....D	..	1.70
Arsenic, metal 220 lb kegs.....D	..	.45	Medicated salicyl. acid or tartar			Subcarbonate, USP, 25 lb bxs..D	..	2.85
Red, 224 lb kegs cases.....D	.12 1/4	.13	emetic, 50 gal bbls.....gal	.90	.95	X-Ray diag. 1 lb bot.....D	..	5.35
White 220 lb cases to 550 lb			Benzaldehyde, tech. 945 lb drs.			Subgallate, USP, 25 lb bxs.....D	..	2.20
bbls, NN.....D	.04	.04 1/4	wks.....D	.70	.75	Subiodide, 5 lb lots.....D	..	4.05
Asbestine, c/1.....ton	16.00	18.00	USP, 40 lb clys.....D	1.30	1.40	Subnitrate, USP, 25 lb jars.....D	..	2.35
1c/1.....ton	20.00	22.00	FFC, 40 lb clys.....D	1.40	1.50	Second Hands.....D	..	2.00
Aspirin, see Acid acetylsalicylic			BENZENE, 90% 8000 gal. tanks			Cones, 1 lb bot.....D	..	3.25
Atropine Alk, USP 1 oz vial.....oz	6.50	7.50	wks.....gal	..	.24	Subsalicylate, USP, 25 bxs.....D	..	2.50
Sulfate, 5 oz cans.....oz	..	3.50	110 gal. drs. wks.....gal	..	.29			
Single ounce.....oz	..	8.65	Pure Tanks, wks.....gal	..	.25			
			110 gal. drs. wks.....gal	..	.30			
			Benzidine Base, dry 250 lb bbls..D	.75	.76			
			Benzidine Sulfate, paste 350 lb					
			bbls.....D	.70	.72			

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Chemicals

BISMUTH (Continued)			CADMIUM, metal 100 lb bxs....lb			CAMPHE (Cont.)		
Tannate, 1 lb bot.....lb	...	2.25	Bomide, 50 lb cases jars....lb75	Jap. ref. 2 1/2 lb slabs, 100 lb	...	
above on basis 25 lb lots.			Iodide, 10 lb bot.....lb	...	4.20	ca.....lb	...	.74
Smaller lots at an advance.			Sulfide ca.....lb	...	1.60	1 oz. tab., 100 ca.....lb	...	.90
Blanc Fixe, dry 400 lb bbls. wks. ton	80.00	96.00	CAFFEINE ALK, USP 5 lb cans....lb	...	3.75	1/2 oz. tab., 100 lb ca., 1 lb	...	.91
Imported, bbls.....ton	70.00	72.00	Second Hand.....lb	...	3.50	Chinese ref. 2 1/2 lb slabs 100 lb	...	
Pasta, 650 lb bbls.....ton	55.00	65.00	Hydrochloride, 1 lb bot.....lb	...	6.05	ca lb.....lb	...	
BLEACHING POWDER, 700 lb drs.			Sulfate, 1 lb bot.....lb	...	5.40	Crude, 100 lb ca.....lb	...	.56
c/l wks.....100 lb	...	2.00	Citrated, 25 lb cans.....lb	...	2.70	Camphor, liniment, bbls.....gal	2.30	2.40
Drums, c/l ex-warehouse.....100 lb	...	2.35	Hydrobromide, 1 lb bot.....lb	...	4.65	Camphor, A. cobrom, 100 lb ca.....lb	1.85	1.90
Contract, c/l wks.....100 lb	...	1.90	CALCIUM, Acetate, 150 lb bgs c/l	...		Camwood, chips.....lb	.09	.10
Drums, c/l wks.....100 lb	...	2.15	100 lb.....lb	...	2.75	Caramel, 50 gal. bbls.....gal	.85	.90
Imported spot.....100 lb	...	1.90	Arsenate, 100 lb bbls c/l wks lb	...	.07	Carbanol, 250 lb bbls.....lb	...	.50
Blood, dried, f.o.b. NY.....unit	...	3.50	Bromide, 100 lb ca.....lb	...	.60	Carbon Bisulfide, 500 lb drs 1 lb/1 NY lb	...	.06 1/2
Chicago.....unit	...	3.60	Carbide, 250 lb dr. c-l wks.....lb	...	.04 1/2	c/l drums, NY.....lb	...	.05 1/2
S. Am. shipment.....unit	...	3.90	Carbonate tech. 100 lb bags	...	1.00	Carbon Black, c/l wks. bgs.....lb	...	.06
S. Am. shipment, see Mercury			c/l.....100 lb	...	1.10	100-500 lb cases 1 lb/1 NY.....lb	...	.07
Slime, bronze Chinese, Millard			USP, precip. 175 lb bbls.....lb	...	.06 1/2	Carbon Dioxide, Liquid, 20-25 lb	...	.06
Prussian, Soluble.....lb	.33	.35	Chloride, solid, 650 lb drs. c/l	...	21.00	Carbon Tetrachloride, 1400 lb drs.	...	
Blue Vitriol, see Copper Sulfate			f.o.b. wks.....ton	...	23.00	NY.....lb	.07	.07 1/2
Bone, S & 50 gr. steam, Cgo unit	...	32.50	Imp.....ton	...	20.00	Drums, c/l NY.....lb	...	.08 1/2
Raw, NY.....ton	...	36.00	Flake, 375 lb drs, c/l drs. f.o.b.	...	27.00	700 lb drs, single NY.....lb	...	.08
Bone Ash, 100 lb bags.....lb	.06	.07	wks.....lb	...	.18	Carmine, No. 40, 5 lb boxes.....lb	4.50	4.75
Black, 200 lb bbls.....lb	...	.06	Anhyd, 350 lb drs f.o.b. NY lb	...	2.00	Caenol, edib, 100 lb keg.....lb	...	.45
Borax, crys. 400 lb bbls.....lb	.05 1/2	.05 1/2	Glycerophosphate, 250 lb bbls.....lb	...	1.40	Tech. Imp, 200 lb bbls.....lb	.12 1/2	.13 1/2
Powdered, 300 lb bbls.....lb	.05	.05 1/2	Hydrate, see Lime	...	.60	Tech. Bom. ....lb	.13	.14
Keps, 100-150 lb.....lb	.05 1/2	.06	Hypophosphite, USP, 25 lb cans lb	...	4.40	100 mesh.....lb	.16 1/2	.17
Borax Mixture, 15% pd. bbls lb	.11 1/2	.18	Iodide, 5 lb bot.....lb	...	.13 1/2	Castoreum, See Aromatic Chemicals, Perfumers, Sun-		
Pasta, bbls.....lb	.08	.10	Lactate, tech., 500 lb bbls lb	...	.50	Castor Oil, USP, 50 gal. bbls.....lb	17	.17 1/2
Boracel, 1 lb bot.....lb	...	2.50	USP.....lb	...	.09	Case, 80 lb 2 tins.....lb	.18	.18 1/2
Urinestone, see Sulfur			Nitrate, 220 lb bbls. c/l NY ton	...	.10	Tech. see Fixed Oils		
(Freight allowed)			Phosphate tech. 450 lb bbls lb	...	.11	Caustic Potash, see potash, caustic		
British Gun, com. c/l.....100 lb	5.02	5.07	Phosphate, precip. tribasic, 200 lb	...	.07	Soda, see soda, caustic		
le/l.....100 lb	5.12	5.17	bbls, wks.....lb	...	.05	Cellulose Acetate, 100 lb cases.....lb	2.00	2.50
Potash, see potash, bromide, etc.	...	.09	Phosphate, mono, 325 lb bbls lb	...	.85 1/2	Cerium Oxalate, USP 100 lb kegs lb	.35	.36
Bromide, see potash, bromide, etc.	...	.47	Sulfocarbonate, 100 lb kegs.....lb	...	.85 1/2	Chalk, drop 175 lb bbls.....lb	...	.03 1/2
acrombenzene, 600 lb drums.....lb	.40	.42	CAMPHE, Amer. ref. 250 lb	...	.84	Precip. light 250 lb csks.....lb	.04 1/2	.04 1/2
Bromform, USP 5 lb bot ca. lb	1.75	1.85	2 1/2 lb slabs, 100 lb ca.....lb	...	.85 1/2	Precip. heavy 560 lb csks.....lb	.02 1/2	.03 1/2
Bromine Alkylid, 100 ca.....ca	...	.10	1 lb cakes, 100 lb ca.....lb	...	.80	Bulk.....ton	5.00	
Sulfate, 100 ca.....ca	...	.10	1 ca. tab., 1 lb etms.....lb	...	.07 1/2	Precip. English, 7 lb bags.....lb	.07 1/2	.08 1/2
Butter of Antimony, see Antimony Chloride			100 lb ca.....lb90	Precip. heavy 560 lb csks.....lb	.03 1/2	.03 1/2
Butyl Acetate, tank cans, wks. gal	...	2.25						
Drums, c/l wks.....gal	...	2.27						

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Chemicals

CHARCOAL (Cont.)

Wood, powd., 100 lb. bbls....	.04	.05
Willow, powd., 100 lb. bbls....	.05%	.08
Chestnut, clarified, 25% tks, wks	.01%	.03
Bbls., wks.....	.02%	.02%
Powd., 60% 100 lb. bags, wks. lb.	.05%	.05%
Decolorized, bags, wks.....	.06%	.07
China Clay, Dom.....	6.00	9.00
Washed & Ground, wks.....	11.00	15.00
Imp., Filler Clay.....	16.00	23.00
Coating.....	20.00	25.00
Chloral Hydrate, USP 100 lb. drs....	.60	.65
25 lb. jars.....	.68	.70
Chinoidin, 140 lb. drs.....	..	.40
Chloramine-T, 200 lb. bbls....	1.35	1.50
Chlorocane, 5 lb. bot.....	.55	.65
Chlorhydrin, Ethylene anhyd. 600 lb.	..	..
drums.....	.75	.85
40% soln. 100 lb. cys.....	.25	.30
CHLORINE, Liquid 2000 lb. cyl.	..	..
c/l wks.....	..	.04%
Tank car lots, wks. Contract.....	..	.04
100 lb. cyl. c/l.....	..	.05%
100 lb. cyl. l/c/l wks.....	.07	.08
100 lb. cyl. l/c/l ex-warehouse.....	.08	.09
Chlorobenzene, monu. 100 lb. drs.	..	..
wks.....	.08	.10
Dr. c/l wks.....	..	.07%
Tank car lots wks.....	..	.07%
CHLORFORM, USP, 50 lb. drs....	..	.30
Second Hands, 650 lb. drs....	.25	.27
Technical, 650 lb. drums.....	..	.28
Chlorophyll, Oil Sol.....	2.50	2.75
Water Sol.....	3.75	4.00
Chromium Acetate, 20° soln. 400 lb.	..	..
bbls.....	..	.05%
Fluoride, Powd., 400 lb. bbls....	.24	.26
Chrome, Greens, CP.....	.26%	.38
Comm.....	.06%	.11
Chrome, yellow.....	.18	.20
Chrysarobin, Powd., 400 lb. bbls....	5.25	5.35
Cinchonidin alk., pvd 100 oz. tins.oz	..	.60
Crystal.....	.65	.68

Cinchonidin Sulfate, 100oz. tins.oz	..	.35
Resale, 1000 oz. lots.....	..	.39
Cinchonine alk. pvd. 100 oz. tins	..	..
Crystal.....	..	.43
Sulfate 100 oz. tins.....	..	.25
Citric Acid, see Acid Citric	..	..
Citric Ointment, see Mercury	..	..
Coal Tar, See Tars	..	..
Cobalt metal, 100 lb. kegs.....	2.50	3.00
Cobalt Oxide, 500 lb. bbls.....	..	2.10
10 lb. tins, 200 lb. cases.....	..	2.20
COCAINE alk., USP, 1 oz. vial.....	..	10.57
Hydrochloride, USP—1 oz. vials,	..	..
25 cm.....	..	8.07
In 1/2 oz. vials.....	..	8.50
In crystals, granular, powder,	..	..
or flaky crystals as desired.	..	..
Cocoa Butter, bulk, 200 lb. bales	..	..
c/l.....	.26%	.37
Fingers, cakes, etc. 12 lb. boxes	.35	.37
CODEINE, alk., oz. vials. 10 oz.	..	..
lots.....	..	9.87
Hydrobromide, 1 oz. vials, 10 oz.	..	..
lots.....	..	7.92
Hydrochloride, 1 oz. vials, 10 oz.	..	..
lots.....	..	7.42
Nitrate, 1 oz. vial. 10 oz. lots.oz	..	8.87
Phosphate, 1 oz. vials, 10 oz.	..	..
lots.....	..	7.42
Salicylate, 1 oz. vials, 10 oz.	..	..
lots.....	..	7.42
Sulfate, 1 oz. vial. 10 oz. lots.oz	..	7.92
Small sizes, 1/2 oz. vials, 50c extra,	..	..
1/4 oz. 30c extra, singles 7c extra	..	..
per oz.—25 oz. lots, 10c. cheaper	..	..
than above. Less than 10 oz. 15c. oz.	..	..
higher than above.	..	..
CODLIVER OIL, Norwegian., 30 gal	..	..
bbls.....	36.00	37.00

Colchicine alk., USP, 1 oz. vial.....	..	20.07
Salicylate, 1 oz. vial.....	..	15.07
Colloid USP 30 lb. drms.....	..	.23
COPPER metal electrolytic c/l	..	..
NY.....	100 lb.	13.87% 14.00
Lake c/l NY.....	..	13.75 13.87%
Casting, c/l NY.....	100 lb.	.. 14.00
Carbonate 400 lb. bbls.....	..	.16% .17%
Chloride, 250 lb. bbls.....	..	.. .28
Cyanide, 100 lb. drs.....	..	.48 .50
Iodide, 5 lb. bot.....	..	.. 5.68
Oxide, red 100 lb. bbls. ton lots	..	.16% .17
Sub-Acetate, verd. 440 lb. bbls. lb.	..	.23 .27
SULFATE, crys. 450 lb. bbls. l/c/l	..	..
spk.....	100 lb.	4.40 4.50
Carlots bbls delivered 100 lb.	..	4.30 4.40
Carlots bbls FOB NY 100 lb.	..	4.30 4.40
Imp. 550 lb. cks spot.....	100 lb.	.. ..
Powdered, 350 lb. 5 bbls.....	..	.. ..
Coppers, bulk, c/l wks.....	..	.. 13.00
200 lb. bgs, c/l wks.....	..	.. 18.00
400 lb. bbls, c/l wks.....	..	.. 17.00
Powdered, bbls.....	100 lb.	1.90 2.00
Sugar, 400 lb. bbls.....	100 lb.	1.25 1.35
Corn Syrup, 42 deg. 50 gal.	..	..
bbls.....	100 lb.	.. 4.36
43 deg. 50 gal. bbls.....	..	.. 4.41
44 deg. 50 gal. bbls.....	..	.. 4.43
45 deg. 50 gal. bbls.....	..	.. 4.55
Corn Sugar, see Glucose	..	..
Cotton Soluble, 100 lb. bbls. wet. lb.	..	.40 .42
Cottonseed, Meal, 7%.....	..	33.00 35.00
Coumarin, 25 lb. tins 100 lb.....	..	3.25 3.45
Second Hands.....	..	3.25 3.30
CREAM TARTAR, USP, 300 lb.	..	..
bbls.....	..	.22 .22%
Imp. powd., USP, 224 bbls....	..	.21% .22
Cresote, USP, 42 lb. cys.....	..	.40 .42
Carbonate, 100 lbs., 50 lbs.....	..	1.90 1.90
Cresote Oil, 50 gal. drs.....	..	.26 .30
Cresol, USP, 400 lb. drums.....	..	.18 .20
Cudbear, English.....	..	.19 .20

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Ethylene Chlorhydrin
Ethylene Dichloride
Ethylene Glycol
Ethylene Oxide
Glycol Diacetate
Isopropanol
(Isopropyl Alcohol)
Paraldehyde

Chemicals

Cutch, Bangoon, 100 lb bales... lb	: .22	Dubokine Sulfate, 1 oz. vial... oz	: 30.07	FERRIC CHLORIDE, tech. crys.	
Borneo, solid, 100 lb bales... lb	: .03%	EARTH, Diatomaceous, see Kieselsuhr		475 lb bbla. lb	: .07%
Liquid, 450 lb bbla. lb	: .09	Egg Yolk, 150 lb cs. lb	: .48	Imported lb	: .04%
Tablets, 120 lb boxes lb	: .13	Kmetine alk., 15 gr. vial... oz	: 1.30	C.P. crys. 100 lb kgs. lb	: .10
Cyanamide, bulk, c/l wia, Amm, unit	: 1.87%	Hydchlide, USP, 1 oz vial... oz	: 17.57	Imported lb	: .06
Cyclohexanol, see Hexalene		15 gr. vials oz	: .82	Neut. Sol'n 42° 140 lb chys... lb	: .07
Cymene, See Para-Cymene		EPSOM SALT, tech. 300 lb bbla.		46°, 140 chys. lb	: .08
Dextrin, white corn 140 lb bgs.		NY lb	: 2.15	USP Sol'n 125 lb chys... lb	: .06%
c/l lb	: 4.82	Bbla. c/l NY lb	: 2.0		
Canary, lb	: 4.87	100 bgs., c/l NY lb	: 1.75	Ferrous Chloride, crys. tech.	
bags, lc/l lb	: 4.92	Imp., 220 lb bgs. c/l		475 lb bbla. lb	: .06
Potato, 220 lb bags, lc/l lb	: .08%	NY lb	: 1.23	Ferrous Sulfide, 1000 lb bbla. 100 lb	: 2.50
Yellow, 220 lb bags lb	: .08%	USP, 300 lb bbla. 10 bbla. 100 lb	: 2.50	Fish Scrap, dried wks unit	: 4.35
Tapioca, 200 lb bags, 1/l. lb	: .08	Carota, bbla. lb	: 2.25	Norfolk & Balt basls, unit	: 4.00
DIAMINOPHENOL, 100 lb kgs. lb	: 3.80	Imported, 400 lb bbla. lb	: 1.85	Fiske-White, see lead white	
Dianisidine, 100 lb kgs. lb	: 3.50	100 lb kgs. lb	: 2.00	Flavine, Lemon lb	: .90
Dibutyl Phthalate, wks. lb	: .45	Ergotin, Bonjean, 1 lb jars lb	: 6.00	Orange lb	: .85
Dichlorobenzene, 1800 lb drs. lb	: .06	Eserine alk., 1 oz. vial... oz	: 80.07	Fluorpar, 95% 220 lb bags, ex-	
Diethylamine, 400 lb drs. lb	: 2.25	Salicylate, USP, 1 oz vial... oz	: 24.00	dock ton	: 25.00
Diethylamine, 850 lb drs. lb	: 2.25	Sulfate, USP, VIII, 1 oz vial... oz	: 18.50	98% bgs. ton	: 33.50
Diethylorthotolylguanidine 300 lb		ETHER, USP, 55 lb drums lb	: .15	98% bgs. ton	: 35.00
bbla. wks. lb	: 1.10	Anaesthesia, 55 lb drums lb	: .19	FORMALDEHYDE, USP 400 lb bbla.	
Diethyl Phthalate, 25 lb cans. lb	: .40	USP, 1850 55 lb drums lb	: .45	c/l wks. lb	: .08%
1000 drs. lb	: .35	Washed, 55 lb drums lb	: .37	Carboys, 100 lb lc/l wks. lb	: .10%
Diethyl Sulfate tech. 50 gal. drs. lb	: .20	Motor 1 lb cans. lb	: .31	Bbla, 400 lb lc/l wks. lb	: .09
CP drums lb	: .40	Ether, Nitrous, 1 lb bot. lb	: .90	Fossil Flour lb	: .02%
Digitalln, Pure, 1 oz. vial... oz	: 9.75	Ethyl Acetate, 99% 50 gal. drs. gal	: 1.15	Formandline lb	: .38
Dimethylaniline, 840 lb drs wks. lb	: .32	85% Ester, 100 gal. drs. gal	: .90	Fuller's Earth, 200 lb bgs. c/l	
Dimethylamine, 400 lb drs. lb	: 2.80	Carota, drums lb	: .87	mines ton	: 15.00
Dimethylsulfate, 100 lb drs. lb	: .50	Tanks Cars gal	: .85	Imported, 230 lb bags, NY ton	: 35.00
Dinitrobenzene, 400 lb bbla. lb	: .14%	Refined, drums lb	: 1.72	Furfural, 300 lb bbla. lb	: .22
Dinitrochlorobenzene, 400 lb bbla. lb	: .15	Bromide, 115 lb drs. lb	: .40	Fusel Oil, 10% Impurities, drs Gal	: 2.50
Dinitrochlorine, 300 lb bbla. lb	: .18	Chloride, 200 lb drs, 15 lb cyl. lb	: .35	Fustic, solid 50 lb boxes lb	: .20
Dinitronaphthalene, 350 lb bbla. lb	: .32	Methyl Ketone, 50 gal. drs. lb	: .27%	Crystals, 100 lb boxes lb	: .20
Dinitrophenol, 350 lb bbla. lb	: .32	Morphine, see Morphine, Ethyl		Liquid, 51°, 800 lb bbla. lb	: .10
Dinitrotoluene, 300 lb bbla. lb	: .18	Ethyl Benzyl Aniline, 300 lb drs. lb	: 1.05	Fustic, sticks ton	: 30.00
Dionio, see Morphine, Ethyl		Ethylene Bromide, 600 lb drs. lb	: .70	Chips lb	: .04
Diorthotolylguanidine, 275 lb		Chlorhydrin, anhyd. 50 gal. drs. lb	: .75	G. SALT, paste 350 lb bbla. basls	
bbla. wks. lb	: 1.15	40% Solution, 50 gal. bbla. lb	: .25	10% lb	: .50
Diphenylguanidine, 5,000 lbs.		Dichloride, 50 gal. drs. lb	: .30	Gall extract lb	: .20
100 lbs lb	: .05	Glycerol lb	: .50		
Divl Divl Extract lb	: .04	Ethylidenaniline lb	: .62		
Divl Divl, pods bags ton	: 53.00	Fucalypitol, 25 lb cans lb	: .90		
Dover's Powder, USP 5 lb tin lb	: 2.30	Feldspar, bulk ton	: 20.00		

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Lactic: Technical and Edible

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Salt Cake—Strontium Nitrate
Anhydrous Sodium Sulphate



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Chemicals

Gambier, 25% liq, 450 lb bbls..D	.14	.15	HEMATINE, Paste, 500 lb bbls..D	.09	.12	Iodine Tinct. USP, 50 gal bbls gal	4.50	4.55
Common, 200 lb cases.....D	.19 1/2	.20	Crystals, 400 lb bbls.....D	.12	.20	Carboys.....gal	4.55	4.60
Singapore cubes, 150 lb bags..D	...	.23	Hemlock, 25% 600 lb bbls. wks.D	.03 1/2	.03 1/2	Second Hands.....gal	4.30	4.40
Gelatin, USP silver 1 lb 100 lb cs.D	.60	.65	Hemlock, bark.....ton	...	20.00	Iodoform, powd., 10 lb bot.....D	...	6.00
Gold Label, 100 cases.....D	...	1.00	Hexalene, 50 gal dra., wks.....gal	...	4.75	Crystals, 10 lb bot.....D	...	6.05
Technical, 100 lb cs.....D	.45	.50	Hexamethylenetetramine, USP	...	...	Iridium, metal 10 oz. lots.....oz	...	260.00
GLAUBER'S SALT, tech. 200 lb bags	...	...	100 lb drums.....D	.60	.62	Iron, metal by hydrogen 1 lb bot.D	.80	1.00
e/l wks.,.....100 lb	1.10	1.20	Imported.....D	...	.63	IRON & AMM. CITRATE, USP 50 lb	...	...
350 lb bbls., e/l wks.....100 lb	1.35	1.45	Rubber Makers, Impalp. Pd.	...	...	canes.....D	...	.69
Bbls. 1e/l wks.....100 lb	1.25	1.35	drs.....D	.82 1/2	.85	Green scales, 500 lbs.....D	...	.69
Imported, bags, NY.....D	.85	.90	Homatropine Hydrobrom. USP 1 oz.	...	...	Cacodylate, 100 lb bot.....D	7.50	7.60
USP, 300 lb bbls. imp. sp. 100 lb	...	1.25	vials.....oz	...	1.85	Citrate, USP VIII 25 lb cans.D	.94	1.01
USP, 300 lb bbls. dom. sp. 100 lb	...	1.75	Five ozs., 1 oz vials.....oz	...	13.50	Chloride, see Ferric or Ferrous	...	...
USP, 300 lb bbls. e/l wks. 100 lb	...	1.40	Hydrastine Alk., USP, 1 oz vial oz	...	17.07	Hypophosphite, 5 lb cans.....D	1.55	1.60
Calcined, see Sodium Sulfate	...	...	Hydride, USP, 1 oz vial.....oz	...	18.07	Syrup USP 5 lb, bot.....D	.35	.36
Glucose, (Grape Sugar) dry, 100	...	...	Sulfate, 1 oz vial.....oz	...	20.07	Iodide, 1 lb bot.....D	...	4.28
70° bags, e/l NY.....100 lb	4.19	4.44	Hydrastine Hyochline, USP 15 gr	...	14.57	Syrup, USP, 5 lb bot.....D	.35	.36
Syrup, Drs. & bbls e/INY 100 lb	4.16	4.35	vials.....oz	...	...	Nitrate, kegs.....D	.09	.10
e/l NY.....100 lb	4.26	4.45	Hydrazobenzene 100 lb kegs.....D	...	...	Com'l, bbls.....100 lb	2.50	3.25
GLUE, pure white, bbls.....D	.22	.26	HYDROGEN PEROXIDE, 25 vol. 400 lb	...	...	Oxalate scales, 25 lb cans..D	.97	1.00
Medium white, bbls.....D	.20	.24	bbls.....D	.07	.07 1/2	Oxide, red, Spanish.....D	.02 1/2	.03 1/2
French, bbls.....D	.18	.25	100 vol 145 lbs.....D	.34	.37	English.....D	.10	.12
High Grade, bbls.....D	.35	.40	USP Soln. 375 lb bbls.....D	.04	.05	Perchloride, see Ferric Chloride	...	...
Bone, regular, bbls.....D	.10	.12	100 vol 145 lbs.....D	...	.46	& Ammon. Oxalate, 25 lb bxs.D	.07	.40
Fish, bbls.....gal	1.50	1.75	USP bot. 4 oz. cases.....gross	7.75	8.00	& Potassium Oxalate, 25 lb bxs.D	.41	.44
Hide bbls.....D	.14	.24	Bot. 8 oz. cases.....gross	11.10	12.00	& Sodium Oxalate, 24 lb bxs..D	.32	.35
GLYCERIN, C, P, 550 lb drums..D	...	...	Bot. 16 oz. cases.....gross	18.25	19.00	Phosphate, USP, 50 lb.....D	...	.69
Cans. 50 lb.....D	.20	.32	Hydroquinone, 100 lb kegs.....D	1.40	1.50	Pvophosphate, USP, 50 lb.....D	...	.74
Dynamite, 100 lb dr.....D	.18	.18 1/2	Hyosine Hydrobrom, USP 1 oz.	...	...	JALAP RESIN, lump, 5 lb tins..D	...	4.00
Saponification, tanks.....D	.13 1/2	.13 1/2	vial.....oz	...	13.57	Powd, tins.....D	...	4.65
Soap, Lye, tanks.....D	...	.12 1/2	Five oz., 1 oz vial.....oz	13.07	13.57	KIESELGUHR, 95 lb bags NY.....ton	60.00	70.00
Gos. Powder, see chrysaridin	...	...	Hyocyanine Alk Cryst, 1 oz vial.oz	...	25.07	LANOLIN, see Adeps Lanæ	...	...
Graphite, crude, 220 lb bags.....ton	15.00	35.00	Alkaloid, Amorphous, 1 oz vial.oz	...	75.07	Larch, 25%, 600 lb bbls., wks..D	.03 1/2	.04
Flake, 500 lb bbls.....D	.05	.09	Hydrobromine, USP, 1 oz vial.oz	...	35.07	Powd., 100 lb bags, wks.....D	.07	.08
Ground, lump, bbls.....D	.04	.05	Sulfate, 1 oz vial.....oz	...	25.07	LEAD, metal e/l NY.....D	...	.08 1/2
Quailac liquid, USP, 25 lb cans.D	2.20	2.25	Hypernic, 51° 600 lb bbls.....D	.15	.17	Acetate, white crystals, 500 lb	...	...
Benzoate, 1 lb bot.....D	...	13.00	Hypernic, chips.....D	.06 1/2	.07	bbls, wks.....D	.14 1/2	.15
Carbonate, 5 lb boxes.....D	2.75	3.00	INDOL, C.P., 1 oz bot.....D	...	...	100 to 250 lb kegs, wks..D	...	.15 1/2
Second Hands.....D	2.15	2.85	Alkaloid, see Potas. Iodide, etc.	...	...	White, broken, bbls., wks. 100 lb	14.25	14.75
HAARLEM OIL, Dom. 6 gr. cs. gr	...	3.25	Indigo, Macras, bbls.....D	1.28	1.30	White, gran. bbls., wks. 100 lb	16.00	16.50
Imported, 5 gr. cases.....gross	3.75	4.00	Indigo, 20% paste, drums.....D	.15	.16	White, powd, bbls wks, 100 lb	...	16.00
Halazone, 5 lb bot.....D	2.75	3.25	IODINE, crude, 200 lb kegs.....D	...	4.20	Brown, broken, bbls., wks..D	.14 1/2	.15
			Resublimed, 10 lb jars.....D	4.65	4.70			

Manufactured by

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Laboratories—Ludwigshafen on Rhine

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Crystal, Powder, Granular

Sole Agents

W. BENKERT & CO., Inc.

81-83 Fulton Street, New York, N. Y.

Payment after passing by
Department of Agriculture

Telephone Beekman 2116 2117 2118 8439

Chemicals

LEAD ACETATE (Cont.)

USP, 100 lb kegs	19	: .19%
Arsenate, 100 lb kegs	18	: .14
Bbls. c/l wks.	12½	: .13
Bbls. 1c/l wks.	19	: .13½
Paste, 100 & 500 lb bbls.	08	: .09
Iodide, USP, VIII 5 lb bot.	3.20	: 3.40
Nitrate, 500 lb bbls. wks. ....	...	: .12
Oxide, litharge, 500 lb bbls. ....	...	: .11
100 kegs, wks. ....	...	: .11½
Oxide, red, 500 lb bbls. wks. ....	...	: .11½
100 lb kegs, wks. ....	...	: .15½
Peroxide, 100 lb drs.	25	: .30
White, basic carb. 500 lb bbls. ....	...	: .10½
100 lb kegs, wks. ....	...	: .15½
White, sulfate 500 lb bbls. Wks. ....	...	: .09%
Laceries Ext. Mass. cases.	25	: .25
Compound powder, bbls.	11	: .18
Powdered	33	: .40
Sticks, 1 ca. 100 lb cases.	45	: .50

LIME, (Salts, see Calcium Salts)

Ground Stone, bags	ton	: 4.50
Live, Bulk	ton	: 8.50
Live, 325 lb bbls. ton lots .....	...	: 1.05
Single bbl. wks.	100 lb	: 1.08
Hydrated, 167 lb bbl. ton lots .....	...	: 1.08
Single bbl. wks.	100 lb	: .85
Oyster Shell, 150 lb bbl sing. ....	...	: .03½
Sulfur, dry 200 lb drs NY .....	...	: .08½
Dr. c/l NY .....	...	: .08
33° Soln. 50 gal bbls N Y gal	15	: .16
Alcohol, 5 lb bot.	6.25	: 6.75
Litharge see lead oxide .....	...	: 1.60
Lithium Carb. USP, 100 lb kegs.	1.80	: 1.90
Bromide, 100 lb ca.	1.70	: 1.75
Citrate, USP, 100 lb kegs. ....	...	: 548
Iodide, 5 lb bot. ....	...	: .06½
Lithopone, 400 lb bbls, 1c/l wks. ....	...	: .05½
Bbls. c/l wks. ....	...	: .05½
Bags, c/l wks. ....	...	: .05½

LITHOPONE (Continued)

Imported, 400 lb bbls.	055%	: .06
Litmas Cubes	90	: 1.00
Logwood, 51°, 600 lb bbls.	08½	: .08½
Lower grades	07	: .08
Solid, 50 lb boxes	12	: .15
LOGWOOD, sticks	23.00	: 27.00
Chips, 150 lb bags	03	: .03½
Luminal, see Phenylethynaloxymurex .....	...	: .28
Madder, Dutch .....	...	: .15.00
MAGNESITE, crude .....	...	: 48.00
Calcined, 500 lb bbls. ....	...	: 1.35
Magnesium mtl., sticks 100 lb ca. ....	...	: .06%
Carb. tech. 70 lb bags NY. ....	...	: .09
75 lb bbls. NY .....	...	: .09½
USP, 100 lb bbls. ....	...	: .17
USP, blocks 100 lb ca. 1, 2, 4 .....	...	: .34.00
Chloride, fused 575 lb drs. c/l .....	...	: 36.00
Flaked, 350 lb drs. wks c/Lton .....	...	: 28.00
Imp. fused 900 lb bbls NY ton .....	...	: 30.00
Fluoridate, crystals 400 lb bbls. ....	...	: .12
80% soln. 500 lb bbls. wks. ....	...	: .07
Soln. bbls. c/l wks. ....	...	: .06
Glycerophosphate, 5 lb tins. ....	...	: 3.25
Hypophosphate, 5 lb cans .....	...	: 1.20
Oxide, USP light, 100 lb bbls. ....	...	: .42
USP, heavy, 250 lb bbls. ....	...	: .50
Peroxide, 5 lb cans .....	...	: 2.40
Perborate, 1 lb tins .....	...	: 2.62
Salkylate, 100 lb kegs .....	...	: .75
Sulfate see Epsom Salts .....	...	: .24
Manganese Borate, 30%, .....	...	: .25
200 lb bbls. ....	...	: .06
100 lb kegs .....	...	: .06%
Chloride, 600 lb ca. ....	...	: 80.00
Dioxide, 80-84% 900 lb bbls. ....	...	: 85.00
NY .....	...	: 85.00
85-90%, 900 lb bbls. NY. ton .....	...	: 90.00

MANGANESE DIOXIDE (Cont.)

Hydrated, precip. 100 lb kgs.	15	: .33
Glycerophosphate, 5 lb tins.	2.90	: 3.00
Hypophos USP VIII 5 lb vials.	1.35	: 1.40
Iodide, 1 lb bot. ....	...	: 6.65
Ore, bulk, NY .....	...	: .43
Sulfate, 600 lb ca. ....	...	: .07
Mangrove, 55% 400 lb bbls. ....	...	: .04½
Mangrove bark, African .....	...	: nom.
Shipment .....	...	: 44.00
Marble Flour, bulk	10.00	: 12.00
See also Calcium Carbonate .....	...	: 11.25
MENTHOL, USP, 60 lb cases. ....	...	: 12.25
Less case, 5 lb tins. ....	...	: 8.00
Synthetic .....	...	: 84.00
MERCURY, metal, 75 lb flasks, flask .....	...	: 1.20
Less Flasks, 5 lb jugs. ....	...	: 1.20
Bichloride, cryst. 25 lb tins. ....	...	: 1.10
Gran. powd. 200 lb kegs. ....	...	: 1.10
Bisulfate, 25 lb boxes .....	...	: .71
Blue Mass, 25 lb boxes .....	...	: .73
Powdered, 25 lb boxes .....	...	: .94
Blue Ointment, USP, 25 lb cans .....	...	: .71
50% .....	...	: .80
USP, dilute 25 lb cans 30% .....	...	: 1.37
33½% Mercury .....	...	: .54
Calomel, 50 lb tins .....	...	: 4.10
Citrine Ointment, 25 lb jars. ....	...	: 4.20
Iodide, green 25 lb jars .....	...	: 4.10
Red, USP, 25 lb jars .....	...	: 2.00
Yellow, USP, VIII 25 lb jars. ....	...	: 1.43
Oxide, Yellow, USP, 25 lb bbs. ....	...	: 1.48
Tech. ....	...	: 1.58
Red Precip. USP, 25 lb bbs. ....	...	: 1.59
Powder, USP, 25 lb bbs. ....	...	: 1.64
White Precip. USP, 25 lb bbs. ....	...	: .71
With chalk, USP, 25 lb bbs.	: .77
Meta-Nitroaniline	: 1.90
Meta-Nitro-para-Toluidine, 300 lb	: 2.00

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Incorporated

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NEW YORK, N. Y.

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CALCIUM NITRATE

SODIUM NITRATE

SODIUM NITRITE

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Oslo, Norway

DENATURED ALCOHOL

SPECIALLY COMPLETELY

Tanks Drums Barrels

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Industrial Chemical Co.

Manufacturers

200 Fifth Avenue

New York

Chemicals

Metha-Phenylenediamine, 300 lb			MORPHINE (Cont.)			Nitrobenzene, crude, 1000 lb drs.		
bbis.	lb	.90 : .95	Acetate, 5 ca. time 10 ca. lots.	7.35		.....	lb	.09 : .09 1/2
Meta-Toluylenediamine, 300 lb			Hydrobromide, 5 ca. time 10 ca.	7.35		Redistilled 1000 lb drs. wks.	lb	.09 1/2 : .10 1/2
bbis.	lb	.78 : .80	Hydride, 5 ca. time 10 ca.	7.35		Nitrogenous Material unit		3.45 : 3.50
METHANOL (Wood Alcohol)			lots ca.	7.35		Nitronaphthalene, 550 lb bbis.	lb	.20 : .21
95% tanks gal		.55	Ethyl Hydride, 1/4 ca. via. 10 ca.	9.35		Nitrotoluene, mixed 1000 lb drs.	lb	.14 : .15
Drums, c/l gal		.58	Small Sizes: 1/4 ca. vials, 50 ca. extra; 1/2 ca. 25 ca. extra; single ca. via. 7 ca. extra, over price for 5 ca. time. 25 ca. lots in 5 ca. time, 10 ca. lower than above schedule. Less than 10 ca. lots 10 ca. higher than above schedule.			Outgals, see Crude Drugs		
97% tanks gal		.57				Oak bark, whole ton	20.00 : 23.00	
Drums, c/l gal		.60				Ground ton	45.00 : 50.00	
Drums, 1c/l gal		.62				Oak, tanks, wks.	lb	.03 1/2 : .04 1/2
Pure, Acetate free, this ca. ....		.65				23-25% liq. 600 lb bbis wks.	lb	.04 1/2 : .05 1/2
Drums, c/l gal		.67				Ochre lb		.03 1/2
Drums, 1c/l gal		.70				Oil, see Fuel Oil		
Bbis. incl. 5 ca. higher								
Methyl Acetate, 100 gal. drums. gal			Musk Ambrette, 1 lb cans.	10.50 : 11.75		JIL MINERAL, wh, 50 gal bbis gal	.80 : 1.05	
Tanks, case gal		.75	Myrobalans, 25% liquid bbis. ....	.04 1/2 : .04 1/2		Russian gal	1.05 : 1.20	
Chloride, 90 lb cyl. gal		.80	50% solid, 50 lb boxes lb	.08 1/2 : .08 1/2		Oil Mirbane, see nitrobenzene		
Galleylate, USP, 50 lb cans.	lb	.47	Imported lb	.08 1/2		Optim, see crude drugs		
500 lb drums lb		.45	Myrobalans, bags J1 ton	71.00 : 72.00		Orange Mineral, 1100 lb casks NY lb		.13 1/2
Second Hands, cases lb		.44	R2 ton	58.00 : 59.00		700 lb bbis, NY lb		.14
Methylene Blue, tech. 100 lb lbs.	lb	1.25 : 1.50	NAPHTHA, See Solvent Naphtha			Ortho-Aminophenol, 50 lb kegs.	lb	2.15 : 2.25
USP, medicinal 5 lb cans.	lb	2.00 : 2.30	NAPHTHALENE, Flake, 175 lb bbis.			Ortho-Anisidine, 100 lb drs.	lb	2.75 : 3.00
Michler's Ketone, 225 lb bbis.	lb	3.00 : 3.25	Wks. ....	.05 1/2 : .06 1/2		Ortho-Dichlorobenzene, see Dichlorobenzene		
Milk, powd. 150 lb bbis.	lb	.14 : .15	Bbis. c/l wks. ....	.05 : .05 1/2		Ortho-Nitrochlorobenzene, 1200 lb drs. wks.	lb	.37
Milk Sugar, see sugar of milk			Bbis. second hands, NY. ....	.05 : .05 1/2		Ortho-Nitrophenol, 350 lb lb		.90 : .95
Mineral Oil, see oil mineral			Balls, 250 lb bbis. wks. ....	.06 1/2 : .07		Ortho-Nitrotoluene, 1000 lb drs.	lb	.20 : .20 1/2
Mineral Rubber ton	35.00 : 75.00		Bbis. c/l wks. ....	.06 1/2 : .06 1/2		Ortho-Toluidine, 350 lb bbis.	lb	.25 : .27
Monacetins, 50 gal. drums.	lb	.46 : .50	Bbis. second hands NY. ....	.06 1/2 : .06 1/2		Osage Orange, 51° liq.	lb	.07 : .07 1/2
Monochlorobenzene, see chlorobenzene			Crushed, shipped, lbs. ....	.05 : .05		Powd., 100 lb bags lb		.13 1/2 : .14
Monothylamine, 900 lb drs.	lb	.70 : .80	Crude, imp. ....	.03 : .03 1/2		Crystals lb		.16 : .17
Monomethyl paramorphol sulfate, 100 lb drs.	lb	3.95 : 4.30				Orgall, USP, 5 lb bot.	lb	1.75 : 2.50
MORPHINE Sulfate, USP 5 ca. time 10 ca.	ca.	7.35				Purified, 5 lb bot.	lb	2.00 : 2.50
						Crude, 5 lb bot.	lb	1.00 : 1.25
						PALLADIUM, metal 10 ca. lots. ca.	80.00 : 81.00	
						Pancrastin, USP, 5 lb bot.	lb	2.50 : 2.75
						Papain, 10 lb bot. USP, Powd.	lb	2.75 : 3.00
						Crude, 150 lb cases lb		2.30 : 2.40
						Paraffin, ref'd 200 lb ca. slabs		
						123-127 Deg. M. P.	lb	.06 1/2 : .06 1/2



Sulphur Black
Anthraquinone
Beta Methyl Anthraquinone
Aluminum Chloride (Anhydrous)
Dyestuffs
Soda Hyposulphite

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Chemicals

PARAFFIN (Cont.)

125-128 Deg. M. F.	D	.07%	.07%
128-137 Deg. M. F.	D	.08	.08%
138-140 Deg. M. F.	D	.08%	.09
Para-Aminoacetanilid, 100 lb			
kgs	D	1.00	1.05
Para-Aminophenol, 100 lb kgs	D	1.10	1.16
Hydrochloride, 100 lb kgs	D	1.25	1.30
Para-Isomercresene, 150 lb con.			
kgs	D	.17	.20
25-50 lb kgs	D	.18	.22
Paraldehyde, USP, 100 gal. drs.	gal		.48
Tech.	D		.80
Para-Cymene, Refd., 110 gal. drs.	gal	2.25	2.50
Paraformaldehyde, USP, 100 lb ca.	D	.40	.42
Para-Nitroacetanilid, 300 lb			
bbls.	D	.50	.55
PARA-NITROANILINE, 300 lb bbls.			
via. ton	D	.58	.60
Para-Nitrochlorobenzene, 1200 lb drs.			
via.	D	.20	.22
Para-Nitro-ortho-Toluidine, 300 lb			
bbls.	D	2.75	2.85
Para-Nitrophenol, 185 lb bbls.	D	.50	.55
Para-Nitrosodimethylaniline, 120 lb			
bbls.	D	.92	.94
Para-Nitrotoluene, 350 lb bbls.	D	.38	.40
Para-oxo Benzaldehyde, 100 lb			
kgs	D		1.70
Para-Phenetidin, 500 lb drs.	D	1.55	1.80
Para-Phenylenediamine, 350 lb			
bbls.	D	1.35	1.80
Para-Toluene-Sulfonamide, 175 lb			
bbls.	D	.40	.41
Para-Toluene-Sulfonchloride, 410 lb			
bbls.	D	.18	.30
Para-Toluidine, 350 lb bbls.	via. D	.68	.72
PARIS GREEN			
Arsenic Basis, 500 lb kgs	D	.19	.20
Kgs, 100 lbs.	D	.21	.22
Klbs, 55, 25, 14 lbs.	D	.22	.23

PARIS GREEN (Cont.)

Packages, 5 and 2 lbs.	D	.23	.24
Packages, 1 lb, 3/4 lb, 1/2 lb.	D	.25	.26
Paris White, see whitening, French			
Peppin, USP, 5 lb bot. 1:3000	D	2.25	2.50
1:6,000 bottles	D	4.00	4.25
1:10,000 bottles	D	6.65	7.25
Peptone, powd., 5 lb	D	1.70	1.80
Perdian Barries	D	.27	.30
PETROLATUM, green 300 lb bbls.	D	.02 3/4	.03
Dark Amber, 300 lb bbls.	D		.04 3/4
Light Amber, 300 lb bbls.	D		.05
Cream White, USP 300 lb bbls.	D	.07	.07 3/4
Snow White, USP, 300 lb bbls.	D	.12 3/4	.14
Lily White, USP, 300 lb bbls.	D	.10	.10 3/4
Phenol, see also acid carbolic			
Makers, 950 lb drums, spot.	D	.23	.24
Small drums, 240-100 lb	D	.24	.26
Open market, drums	D		.24
240 lb drs. drs. via.	D		.25
Natural, 240 lb drs. drs. via.	D		
Phenolphthalein, USP, 100 lb drs.	D	1.80	1.40
5 lb cans, 100 lb lots.	D	1.40	1.50
Phenyl-Alpha-Naphthylamine, 100 lb			
kgs	D	1.23	1.29
Phenylethylalcohol, 1 lb bot. Dom.	D	8.00	10.00
Imported	D	7.00	7.75
Phenylethylmalonylurea, ca. phs.	ca. D		5.50
Phosgene, 100 lb cylinders	D		
Phosphate Acid, 16% Bulk via. unit	D	.60	.65
Phosphate Rock, f.o.b. mine			
Florida Pebble, 68%	ton	2.40	2.50
Florida Pebble, 70%	ton	2.75	2.85
Florida, 72%	ton	2.70	3.00
Florida Pebble, 75-74%	ton	3.75	4.00
Tennessee, 72%	ton		8.50
Phosphorus Oxide, 175 lb cyl.	D	.35	.40
Phosphorus, red 110 lb ca.	D	.70	.75
Yellow, 110 lb ca., via.	D		.82
Imported, 112 lb cases	D		.82
Phosphorus Trichloride, 175 lb cyl.			
via.	D		.45

Phthalic Anhydride, 100 lb bbls.

via.	D	.18	.20
PILOCARPINE HYDROCHLORIDE, USP 25 ca.			
lots, 1 ca. via.	ca. D	4.00	4.50
Nitrate, 25 ca.	ca. D		4.00
Single, ca.	ca. D		4.50
Alkaloid, 15 gr. via.	via. D		.85
Pine Oil, stim. dist. bbls.	gal D		.66
Destructive dist.	D	.63	.64
Piperazine Hydrate, 1 lb bot.	D		15.00
Piperidine, 25 ca.	ca. D	1.10	1.25
Pitch, Coal-Tar, via.	ton D	24.00	28.00
Pitch, prime	bbl D	6.00	6.50
Plaster Paris, tech 350 lb bbls.	bbl D		3.30
True Dental, 300 bbls.	bbl D		4.50
Platinum, metal soft 10 ca. lots.	ca. D		119.00
Podophyllin, 5 lb bot.	D	4.50	4.75
Second Hands	D	4.80	4.40
POTASH SALTS, rough			
Pot. Murate, basis, 80% bgs, ton	ton D		24.55
Pot. Sulfate, basis, 90% bgs, ton	ton D		45.85
Pot. & Mag. Sulfate, basis 48% bgs	ton D		26.35
Manure Salts, basis, 80% bulk-ton	ton D		17.50
Manure Salts, basis, 30% bulk-ton	ton D		11.00
Kalmit, basis, 12.4% bulk-ton	ton D		7.75
Bulk in bags, 22.00 extra.			
Prices c.i.f. Atlantic & Gulf Ports.			
Discounts, 50 tons. 5%; 500 tons 10%			
POTASH, CAUSTIC, solid 88-92%			
700 lb drs via	D	.07 3/4	.07%
Imp., 88-92% 700 lb drs. N.Y.	D	.07 3/4	.07%
USP, by alcohol 5 lb cans	D	.46	.48
cases	D	.30	.35
POTASSIUM Acetate, USP, 100 lb			
kgs	D	.29	.30
Second Hands, kgs	D	.26	.28
Bicarbonate, crys. 320 lb bbls.	D	.09	.10
Bichromate crys., 900 lb cans	D	.08 3/4	.08%
Powd., 900 lb cans, via.	D	.11	.12
Binoxalate, 300 lb bbls.	D	.16	.18
Import, 112 lb bbls.	D	.18	.19

PHTHALIC ANHYDRIDE

The long needle crystals of pure Monsanto Phthalic Anhydride have been first choice of America's most critical buyers since 1916 when hostilities cut off foreign supply. Manufactured primarily for our own consumption, it is required to meet rigid self-imposed standards, materially above ordinary trade requirements.

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Monsanto Chemical Works

SAINT LOUIS, USA

NEW YORK

CHICAGO

Fourteen other Monsanto Intermediates are available for prompt shipment or on contract over an extended period.

Chemicals

POTASSIUM (Cont.)

Bisulfate, C.P., 50 lb cans....	.30
100 lb kegs.....	.32
Bromate, 100 lb cs.....	.90
BROMIDE, USP, cryst., 450 lb	
bbls.....	.48
Granular, 300 lb bbls....	.48
Cases, 100 lb.....	.50
Imported USP, 220 lb cs D	.39
Shipment.....	.43%
CARBONATE, 80-85% calc.	
800 lb cks.....	.05%
80-85%, hydrated, 800 lb	.05%
cks.....	.06
90-95% calc. cases.....	.04%
96-98% calc. cases.....	.06%
99% calc. cases.....	.07%
USP, 100 lb kegs.....	.10%
99% C.P., cases.....	.12%
Chlorate, crys., 112 lb bgs. e/l	
wks.....	.08%
Imp. 112 lb kegs, NY.....	.09
Powd., 112 lb kegs, wks....	.08%
Imp. kegs, NY.....	.08%
Gran. Imp. 112 lb kgs NY..	.10%
Pyrotechnic, line powd. NY..	.07
USP, fine crys. 110 lb kegs	.14
NY.....	.15
Chloride, crys., bbls.....	.04%
Citrate, USP, 50 lb.....	.60
Cyanide, 110 lb cases.....	.58
Glycerophosphate, 75% Soln. 25 lb	1.35
tins.....	1.50
Gumiacil Sulfonate, 5 lb cans	2.00
10 lb.....	2.25
Hypophosphite, 10 lb cans....	.80
Iodide, USP, 100 lb cases....	3.45
Leachophosphate, 4 oz. bot. cs	.90
Metalbisulfate, 300 lb bbls....	.10
Imp., 550 lb bbls....	.09

POTASSIUM (Cont.)

Muriate, 80%, 200 lb bags, NY	.63
K ₂ O unit.....	
Nitrate, see Saltpetre	
Oxalate, neutral 100 lb kegs..	.18
Perchlorate, 112 lb kgs. Me-Apr. D	.11
PERMANGAN, USP, crys. 500 lb	
& 100 lb drs., wks....	.15
Imp, 113 lb drs.,....	.14%
Prussiate, red, 500 lb cases..	.87
Prussiate, yellow, 500 lb cases..	.18%
Salicylate, 25 lb cans.....	.60
Sulfate, 200 lb bags, NY K ₂ O unit	.85
USP, VIII 100 lb kegs.....	.15
Sulfocyanide, CP 25 lb jars D	.50
Tartrate, neutral, 100 lb kegs D	.51
Titanium Oxalate, 200 lb bbls..	.23
Pumice Stone, lump, 250 lb bbls..	.04%
Lump, bags.....	.03%
Powdered, 350 lb bbls.....	.02%
Pyridine, 50 gal, drums.....	4.50
Quebracho Bark.....	120.00
QUEBRACHO, 35% liquid tks..	
450 lb bbls.....	.03%
35% bleaching, 450 lb bbls..	.04%
Solid 65%, 100 lb bales.....	.04%
Clarified, bales.....	.05
Quercitron, 51°, 450 lb bbls....	.06%
Solid, 100 lb boxes.....	.10%
Quercitron bark, rough.....	14.00
Ground.....	34.00
QUICKSILVER, see Mercury	
Quinidine Alk., 100 oz. tins....	.70
Sulfate, 100 oz. tins.....	.50
Quinidine, see Chinoidin	
QUININE SULFATE, USP.	
American 100oz tins.....	.50
1 oz. tins, 100oz lots.....	.57
Dutch 100 oz. tins.....	.50

QUININE SULFATE, USP,

Java, 100 oz. tins.....	.50
Japanese, 100 oz. tins.....	.50
Acetate.....	.88
Arsenate.....	.88
Benzoate.....	.88
Bisulfate, USP.....	.45
Citrate.....	.62
Dihydride, USP.....	.66
Dihydromide.....	.66
Dicarbonate, 10 oz. tins.....	2.50
Ethyl Carbonate, 16 oz. tins....	.91
Ferrocyanide.....	.88
Formate.....	.85
Glycerophosphate.....	.88
Hydride.....	.88
Hydrobromide, USP.....	.62
Hydrochloride, USP.....	.62
Hydrochlorosulfate.....	.66
Hydride & Urea, USP.....	.88
Hypophosphite.....	.88
Lactate.....	.78
Phenolphosphate.....	.88
Phosphate.....	.74
Salicylate, USP.....	.83
Tannate, USP.....	.45
Tartrate.....	.88
Valerate.....	.89
Small Sizes: low vials or cans,	
50oz. lots, 5c on extra; 50oz. cans,	
50oz. lots 5c on extra; 25oz. cans,	
50oz. lots, 2c on extra; single 10oz.	
vials or cans, 5c extra. All minor	
quinine salts sold and quoted basis	
100oz lots in 100oz cans. Sulfate	
and bisulfate sold basis 100oz.	
lots in 100 oz cans. Smaller orders	
or containers extra as above	
schedule.	

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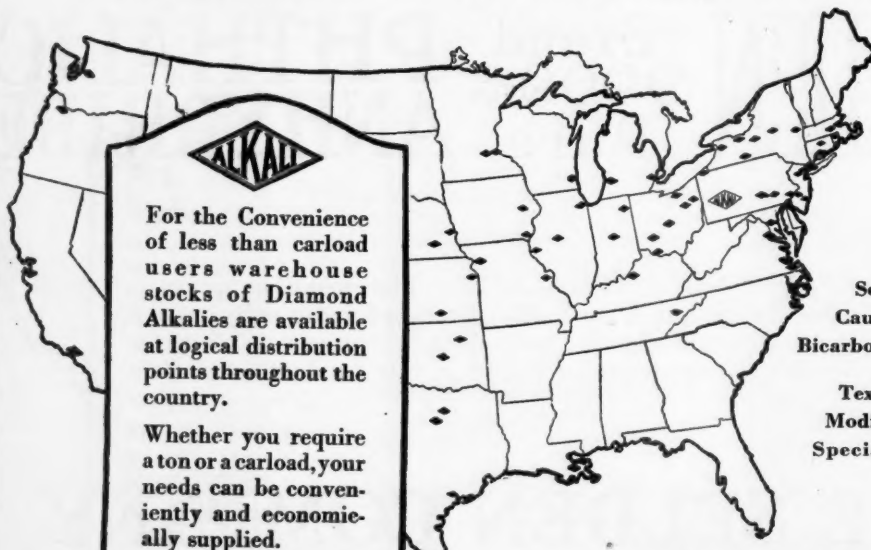
THE SELDEN COMPANY

Pittsburgh, Pa., U.S.A.

Chemicals

R SALT, 250 bbls, wks D .45 : .47	SALT PETRE, Double Refined	SODA ASH (Cont.)
and Lead. see lead oxide	Granular, 400-500 lb bbls	c/l wks, 100 lb ... : 1.45
and Precipitate, see mercury	c/l wks D ... : .08	Expt. and spot, Basis 58% bags
Bennet, N.F., 5 lbs. (1:25,000) D 2.95 : 3.50	SALT PETRE (Cont.)	c/l wks, 100 lb ... : 1.50
Resorcin, see resorcinol	Less c/l wks, bbls, D ... : .08%	SODA, CAUSTIC, 76% solid
Resorcinol, tech., 100 lb bags... D 1.35 : 1.50	Large Crystals, 350-400 lb bbls, D ... : .07%	1-4 drums deliv'd NY... 100 lb ... : 3.91
USP, 25 lb cans D 2.25 : 2.35	c/l wks D ... : .07%	5 & Up drums deliv'd NY... 100 lb ... : 3.76
Rockwell Salt, USP, 225 lb bbls... D .19 : .19%	Small Crystals, 350-400 lb bbls, D ... : .07%	Ground & Flake, 76%
Imp. USP, 300 lb bbls, D .30 : .30%	c/l wks D ... : .07%	1-4 drums, deliv'd NY... 100 lb ... : 4.31
Boewater, triple, 5 gal. dems... gal .90 : 1.10	Powdered, bbls, c/l wks... D ... : .07%	5 & Up drs deliv'd NY... 100 lb ... : 4.16
Soda, (Sold in 600 lb bbls, gross for net.)	Imported, 500 lb bbls NY... D .08% : .08%	1-4 bbls deliv'd... 100 lb ... : 4.56
B 280 lb ... : 9.50	Santonin, USP, 1 lb bot... D 155.00 : 160.00	5 & Up bbls deliv'd... 100 lb ... : 4.41
D 280 lb ... : 9.50	Powd. 1 lb bot... D 158.00 : 162.00	Contract basis 76% c/l wks
E 280 lb ... : 9.50	Saponin, ex Quillaja, 5 lb tins... D 1.00 : 1.10	100 lb ... : 3.10
F 280 lb ... : 9.50	Satin White, 500 lb bbls... D ... : .01%	Expt. and spot, Basis 76%
G 280 lb ... : 9.50	Schaeffer's Salt, 250 lb bbls wks... D .60 : .65	c/l wks, 100 lb ... : 3.20
H 280 lb ... : 9.50	Schaeffer's, see hyacinth	Contract 74% low grade c/l
I 280 lb ... : 9.55	Sodium Mixture, 225 lb bbls... D .16% : .16%	wks, flat 100 lb ... : 3.02
K 280 lb ... : 10.15	SILICA	Ground & Flake, 76% expt. and
M 280 lb ... : 10.75	Crude, bulk, mines ton 6.00 : 7.00	spot, wks, c/l drs... 100 lb ... : 3.60
N 280 lb ... : 12.00	Refined, flaked, bags ton 18.00 : 20.00	Contract 76% drums c/l wks
WG 280 lb ... : 13.40	Air flaked, bags ton 32.00 : 50.00	flat 100 lb ... : 3.50
WW 280 lb ... : 14.60	Extra, flaked, bags ton 55.00 : 65.00	USP, stick, 10 lb cans D .19 : .21
(Sold in 600 lb bbls net, quotations based on a unit of 280 lb)	Colloidal, 1 lb bot... D ... : 2.80	Pure, stick, by alcohol... D .25 : .27
Roisin Oil first run, 500 gal... bbls .58 : .58	SILVER, metal, American oz ... : .60%	Soda Sal. see Sodium Carbonate
Second run, bbl D .59 : .61	Silver Iodide, 16 oz. bot... D ... : .69	Sodium Metal, 12 1/2 lb bricks... D ... : .27
Roten Stone lump imp bbls... D .07 : .08	Nitrate, 16 oz. bot... D .45% : .47%	SODIUM ACETATE, crys. 450 lb bbls
Lump selected, bbls D .09 : .12	Nucinate, 16 oz. bot... D .34 : .38	wks, D .05 : .05 1/2
Powdered bbls D .02 : .05	Protein, 16 oz. bot... D .34 : .38	Aluminate, 500 lb bbls, wks... D .07% : .07%
Domestic, bags mines 24.00 : 30.00	Snap, Castile, 40 lb bbs... D .30 : .36	Aluminum Sulfate, see alum. soda
SACCHARIN, USP, 10 lb cans, 25 lb	Powd. USP, 250 lb bbls... D .28 : .30	Arsenite, 4 lb mat. wks drums gal .50 : .60
D 1.75 : 1.85	Green, USP, 150 lb kegs... D .07% : .08%	Drums, 8 lb material, wks... gal 1.00 : 1.10
Soluble, USP, 10 lb cans, 25 lb... D 1.75 : 1.86	Soapstone, see Talc. crude	Benzonate, USP, 100 lb bbls... D .59 : .60
Sago, Flour, 150 lb bags D ... : .05	SODA ASH, 58% light	Benzonate, USP, 100 lb bbls... D .59 : .60
+ ammoniac, see Ammon. Chloride	1-4 bags, deliv'd NY... 100 lb ... : 2.10	Bicarbonates, 400 lb bbls NY 100 lb ... : 2.25
Salt Soda, see Sodium Carbonate	5 & Up bags deliv'd NY 100 lb ... : 2.04	Bbls c/l wks 100 lb ... : 2.25
Sallein, USP, 1 lb cartons, 25 lb D 5.00 : 5.25	1-4 bbls, deliv'd NY ... 100 lb ... : 2.44	112 lb kegs, wks, D ... : 2.25
Salel, USP, 100 lb drums... D .85 : .95	5 & Up bbls deliv'd NY 100 lb ... : 2.29	112 lb kegs NY 100 lb ... : 2.25
Salt, Common, see sodium chloride	Contract Basis 58% bags c/l wks, 100 lb ... : 1.38	Bichromate, 600 lb cans wks... D .06% : .07
Salt Cake, c/l f, o, h, wks... ton 17.00 : 20.00	Fromr and spot, Basis 58% bags c/l wks, 100 lb ... : 1.43	Cash, c/l NY D .06% : .07
	Contract, Basis 58% coarse bags	Cash, NY D .06% : .06%
		Bisulfite, dry powder, 500 lb bbls, wks, D .04 : .04%

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PITTSBURGH, PENNA



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Solvay 76% Caustic Soda
Solid—Flake—Ground
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Solvay Snowflake Crystals
(Trademark Registered)
Solvay Laundry Soda
Solvay Cleansing Soda
Solvay Tanners Alkali
Solvay Tanners Soda
Solvay Liquid Caustic Soda
Solvay Calcium Chloride 73%—75%



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Chemicals

SODIUM—(Continued)

BROMIDE, USP, 450 lb bbls.. D	.48	: .49
Cases, 50 lb..... D	.48	: .49
Imp. USP, 220 lb cases..... D	.44	: .45
Bromate, 100 lb ca..... D		: 1.15
5 lb bot..... D	5.90	: 6.25
Carbonate Sal Soda 350 lb..... bbls.		
le/ NY..... 100 lb	1.30	: 1.35
Works c/l..... 100 lb	1.10	: 1.30
Monohydrate, 400 lb bbl.		
le/ NY..... 100 lb		: 2.40
Pure photographic 100 lb		
kg..... D	.08	: .08
Chlorate, 112 lb kegs, wks..... D	.06 1/2	: .06 1/2
Imported, 112 lb kegs..... D		: .06 1/2
Chloride, tech..... 12.00	: 13.00	
C. F., 300 lb bbls..... D	.05	: .06
Chromate 800 lb bbl..... D		: .08
Citrate, USP, IX, 50 lb kegs..... D		: .59
USP, VIII, 50 lb kegs..... D		: .52
Cyanide 98-98% 100 lb cases		
wks..... D		: .22
Ton lots, wks..... D		: .21
73-76% 100 lb cases, wks..... D		: .19 1/2
125-128% 200 lb ca..... D	.20	: .20 1/2
120-125% 200 lb ca..... D	.17	: .18
118-120% 200 lb ca..... D	.16	: .17
Fluoride, 300 lb bbls, wks..... D	.09	: .09 1/2
Imp. 350 lb bbls..... D	.09	: .09 1/2
Glycerophosphate USP cryst. 25 lb		
cases..... D	1.40	: 1.55
Powder, 25 lb tins..... D	1.45	: 1.60
Solution, USP, 25 lb tins..... D	1.05	: 1.20
Hydroxide, see Soda Caustic		
Hypochlorite Soln, 100 lb cysb..... D		: .05
14 1/2 % soln, 50 lb cysb..... D		: .04
Hydroxide, 200 lb bbls f.o.b. wks..... D	.22	: .24
For Stripping, 50 lb cans..... D	.30	: .35
Hypophosphite, USP, 25 lb cans		
D..... D	.70	: .75

SODIUM—(Continued)

HYPOSULFITE, tech. pea crys.		
375 lb bbls, wks..... 100 lb	2.65	: 3.05
Bbls, c/l wks..... 100 lb		: 2.50
100 lb kegs, wks..... 100 lb	2.75	: 3.30
Imp..... 100 lb		: 2.75
Regular crys. bbls wks..... 100 lb	2.40	: 2.65
Bbls, c/l wks..... 100 lb	2.40	: 2.50
Kegs, wks..... 100 lb	3.00	: 3.10
Imp..... 100 lb		: 2.25
Iodide, USP, 25 lb jars..... D	4.25	: 4.30
Metazolate, 150 lb bbls..... D	.70	: .75
Naphthionate, 300 lb bbls..... D	.57	: .60
Nitrate crude, 95% 200 lb kegs		
c/l NY..... 100 lb		: 2.57 1/2
July-Aug shipment NY 100 lb	2.54	: 2.55
Double Refined 400 lb bbls		
gran. c/l wks..... D		: .04 1/2
Powdered, bbls, c/l wks..... D		: .05 1/2
Nitrite, 500 lb bbls, spot makers..... D		: .09
Imp. 650 lb cases..... D	.09	: .09 1/2
Ortho-Chloro-Toluene Sulfonate,		
175 lb bbls, wks..... D	.25	: .27
Oxalate, neutral, 100 lb kegs..... D	.20	: .23
Perborate, 275 lb bbls..... D	.21	: .22
Imp. 225 lb dra..... D	.21	: .22
Peroxide, 200 lb cases..... D	.22	: .24
Phosphate, di-sodium, tech. 550 lb		
Bbls..... 100 lb	3.40	: 3.75
USP, gran, 275 lb bbls..... D	.07	: .07 1/2
Imp. gran..... D	.05 1/2	: .06
USP, Crystal, 275 lb bbls..... D	.07 1/2	: .08
Monosodium, 100 lb kegs..... D	.30	: .31
Tri-sodium, tech., c/l bbls..... D	.03 1/2	: .04 1/2
Picramate, 100 lb kegs..... D		: .60
Para-Toluene Sulfonate 175 lb		
bbls..... D	.08	: .09
PRUSSIAN, yellow, 350 lb bbls		
wks..... D	.10 1/2	: .10 1/2
USP, 50 lb cks..... D	.10 1/2	: .10 1/2
Pyrophosphate, 100 lb kegs..... D	.24	: .26
Salicylate, 100 lb kegs..... D		: .40
Second Hands, USP, kegs..... D	.37	: .40

SODIUM—(Continued)

Silicate, 40° turbid, tanks		
wks..... 100 lb		: .75
55 gal drums, wks..... 100 lb	.85	: 1.10
40° clear, tanks, wks..... 100 lb		: 1.10
55 gal. dra., wks..... 100 lb	1.30	: 1.45
42° turbid, tks., wks..... 100 lb		: .80
55 gal. dra., wks..... 100 lb	.90	: 1.15
42° clear, tanks, wks..... 100 lb		: 1.25
55 gal. dra., wks..... 100 lb	1.35	: 1.75
Silicofluoride, 450 lb bbls. NY. D	.04 1/2	: .04 1/2
Stannate, 100 drms..... D	.38	: .39
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb bbls		
c/l wks..... D	.03 1/2	: .04
Imp. 250 lb bbls..... D	.02 1/2	: .02 1/2
Sulfide, 66% solid, 650 lb dra.		
le/ wks..... D		: .04 1/2
Dra. c/l wks..... D		: .04
Imp. 700 lb dra. NY..... D		: .04 1/2
60° broken, 650 lb dra. wks. D		: .04 1/2
Dra. c/l wks..... D		: .04 1/2
30° crys. 440 lb bbls. wks. D	.02 1/2	: .02 1/2
Imp. 400 lb bbls..... D		: .03 1/2
Sulfite, crys. 400 lb bbls. wks. D	.03 1/2	: .03 1/2
Anhydrous, 400 lb bbls..... D	.09 1/2	: .10
Sulfocarbonate, USP, 100 lb kegs..... D	.32	: .34
Sulfocyanide, 400 lb bbls..... D	.42 1/2	: .45
Tungstate, crys. 100 lb kegs..... D	.70	: .75
SOLVENT NAPHTHA, 110 gal.		
dra. wks..... gal		: .30
8,000 gal, tank cars, wks. gal		: .35
Sparteine Sulfate, USP, 25oz. bulk, oz		: .60
Single oz. vial..... oz		: .67
Spirits Turpentine, bbls..... gal	.98	: 1.01
Stm. dist..... gal	.89	: .91
Spruce, 25% liquid tanks, wks. D	.01	: .01 1/2
Powd. 50% 100 lb bags. wks. D	.02	: .02 1/2
Starch, rice, 140 lb bags..... D	.09	: .10



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Chemicals

STARCH , powd 140 lb bgs./1.100 lb	4.17	4.27	SULFUR			Tar, Coal Gas, Tks wks.	gal	.06	.08
Bags, 1c/1	100 lb	4.27	Crude, f.o.b. mines	ton	14.00	Coke Oven, Tks. wks.	gal	.07	.08
Pearl, 140 lb bgs c/1	100 lb	4.07	Strimstone, 350 lb bags, c/1	100 lb	1.75	Water Gas, Tks. wks.	gal	.07	.08
Bags, 1c/1	100 lb	4.17	Less c/1 bags NY	100 lb	1.85	Tar, kiln-burnt	bbbl	.07	.08
Potato domestic, 200 lb bags c/1 lb	.03%	.04	coll, 500 lb bbls. c/1 NY	100 lb	2.15	Retort	bbbl	.07	.08
Imported, bags duty paid	.06%	.06%	Less c/1 bags NY	100 lb	2.20	Tartar Emetic, tech. 700 lb bbls.	lb	.27	.28
Wheat, dom.	.06%	.07	Flour, Heavy, 290 lb bbls, 100 lb	2.50	3.05	USP, 300 lb bbls	lb	.31	.34
Imp.	.07%	.08	Light, 100%, 260 lb bbls, 100 lb	2.60	3.15	Terpin Hydrate, USP, 100 lb bags	lb	.45	.47
Sol. Potato	.07	.07%	Sublimers 100%, 240 lb			Terpineol, CP, 1000 lb drums	lb	.38	.40
STRONTIUM Bromide, USP, 50 lb			bbls, NY	100 lb	2.50	Cans, 50 lb	lb	.42	.45
kgs	.51	.52	Commercial, 99%, 180 lb bgs.			Imported, cans 25 lb	lb	.43	.46
Carb. 600 lb bbls. wks.	.07	.07	NY	100 lb	1.85	Terpinyl Acetate, 25 lb cans	lb	1.05	1.85
100 lb kgs, wks.	.08	.08	For Dusting, 99%, 100 lb			Terra Alba, No. 1, 300 lb bbls, 100 lb	1.85	1.90	
Iodide, USP, 35 lb jars	4.00	4.00	bgs., NY	100 lb	1.95	No. 2, bbls.	100 lb	1.25	1.35
Nitrate, 600 lb bbls, wks.	.08%	.09	Flowers, 100%, 240 lb bbls.			Tetralene, 50 gal drs. wks.	gal	.145	1.45
Imp., bbls, NY	.07%	.08	NY	100 lb	3.25	Theobromine Alk., 5 lb cans	lb	3.60	3.75
Salicilate, USP, 100 lb kgs.	.75	.80	Precipitated, 125 lb bbls. NY	lb	.15	Sod. Salicylate, 1 lb bot.	lb	.22	2.92
STRYCHNINE Alkaloid, USP, crys.			Lac, 125 lb bbls NY		.10	Thiocarbamidil, 170 lb bbls.	lb	.24	.26
100 oz. tins	.71	.71	Sulfur Chloride, red, 700 lb drs.			Thymol, USP, 25 lb tins	lb	3.80	4.00
Japanese, cans	.75	.75	wks.	.05%	.06	TIN, metal Stralis, NY			.57%
Alk. powd. USP	.61	.61	150 lb chys., wks.	.07	.07	Iodine, 5 lb boxes	lb	7.25	7.50
Acetate	.65	.65	Yellow, 700 lb drs. wks.	.04%	.05	American Standard, NY 100 lb			55.40
Glycophosphate, USP	.65	.65	150 lb chys., wks.	.06	.06	99% American, NY	100 lb		54.50
Hydrobromide	.65	.65	Sulfur Dioxide, 100 lb cyl.	.08	.08%	Bichloride, 50% soln. 100 lb			.15%
Hydrochloride	.65	.65	Iodide, USP, VIII, 5 lb bot.	.45	.45	bbls, wks.	lb		.38%
Hydrophosphite	.65	.65	Sulfuric Ether, see Ether			Crystals, 500 lb bbls, wks.	lb		.39
Nitrate, USP	.65	.65	Sulfuryl Chloride, 600 lb drs.	.65	.70	100 lb kgs, wks.	lb		.57
Phosphate	.65	.65	Sumac, Liquid, 450 lb bbls	.06	.08	Oxide, 300 lb bbls, wks.	lb		.59
Sulfate, USP, crys. powd	.65	.65	Stainless, 600 lb bbls	.10%	.11%	100 lb kgs, wks.	lb		.31%
Saccharinate	1.25	1.25	Sumac, Sicily, 100 lb bags	135.00	150.00	Tetrachloride, 100 lb drs, wks.	lb		.13
Strychnine preparations quoted bases			Virginia, 150 lb bags	55.00	60.00	Titanium Oxide, bbls, wks.	lb		.90
100oz lots in 100oz tins. Small sizes:			Destructive, distilled, bbls.	.68	.70	Toldine, 350 lb bbls	lb		.85
1/4oz vials, 50c extra; 1/2oz vials, 25c			TALC, Italian 220 lb bags NY	40.00	50.00	Sulfate, 350 lb bbls.	lb		.26
extra; single ounce vials, 7c extra. Lots			Refined, white, bags	50.00	55.00	Toluene, 8000 gal tank cans wks gal			.37
of 25 ozs. 5c higher than above			French, 220 lb bgs., NY	30.00	35.00	110 gal drs wks	gal		.31
schedule Lots of less than 25 ozs.			Refined, white, bags	38.00	45.00	Toluidine, Mixed, 900 lb drs, wks.	lb		.90
10c higher per oz.			Dom., crude, 100 lb bags NY	12.00	15.00	Toners, para red	lb		1.80
Sugar Coloring (See Caramel)			Refined, 100 lb bags NY	16.00	18.00	Toluidine	lb		1.00
Sugar Milk, USP, 200 lb bbls.	.20	.31	Tankage, ground, NY	3.50	3.75	Triacetin, 50 gal drs. wks.	lb		1.00
Second Hands, USP, bbls.	.18%	.19	High grade f.o.b. Chicago	unit	3.25	Tribromphenol, 100 lb cases	lb		.69
Wilsonal, see Sulfonmethane			So Am, c.i.f.	unit	3.90	Trional, see Sulfonethymethane	lb		.73
Sulfonethylmethane, USP, 10 bbs.	3.85	4.05	Tapioca Flour, high grade bags	lb	.05%	Triphenylguanidine	lb		.55
Sulfonmethane, USP, 10 lb bbs	2.65	2.85	Medium grade, bags	lb	.04%	Triphenyl Phosphate, 450 lb bbls	lb		
			Low grade, bags	lb	.03%				
			High grade	ton	32.00				

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[Hexa Hydro Phenol]

TETRALIN

[Tetra-Hydro-Naphthalene]

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Newport Chemical Works

Incorporated
PASSAIC, NEW JERSEY

BENZOLS

The Barrett Company

Benzol Department

40 Rector Street



New York, N. Y.

Coast to Coast Producing Points!

Chemicals

Tripoli, 500 lb bbls.....100 lb	2.50	3.00
Tungsten, NY.....Wt. unit	11.25	12.00
Parony Red Oil, bbls single.....D	.11	.12
double.....D	.16	.18
Turpentine, see Spirits Turpentine		
Wood, see Wood Turpentine		
Ultramarine Blue.....D	.15	.25
UREA, pure, 112 lb cases.....D	.18	.20
Valencia Caps, 30-31% tan.....ton	36.00	38.00
Beard, 42% tan, bps.....ton	55.00	56.00
Mixture, 36% tan.....ton	42.00	44.00
VANILLIN, USP, 500 gm cases.....cm		.49%
Cans, 50 gm.....cm		.50
Cans, 16 gm.....cm		.61
Second Hands.....cm	.47	.50
Venetian Red.....D		.05
Verdigris, see Copper Subacetate		
Vermilion, Amer. 100 lb bags.....D	.35	.40
English, bags.....D	1.40	1.45
Veratrine Sulfate, 1 gm vial.....cm		1.35
Hydrochloride, 100 vial.....cm		1.35
Veronal, see Acid Diethylbarbituric		
Vulcon, 250 lb bbls, wks.....lb	.75	.79
Wattle Bark, bps.....ton	43.00	45.00
WHITE LEAD, see lead, white		
White Precipitate, see mercury		
Whiting, 300 lb bags, c/l wks.....D		.90
Gilders, bags, NY.....100 lb	1.00	1.15
French, bags, NY.....ton		18.00
English, bags, NY.....ton	21.00	23.00
Paris White.....100 lb	1.80	1.90
Witch Hazel Extract, 50 gal. bbls gal	1.05	1.10
Wood Turpentine, stn. dist. bbls gal	.87%	.90
XYLENE, 3° dist range, nitration		
110 gal. drs NY.....gal		.55
5° dist range, 8000 gal. tanks		
wks.....gal		.40
110 gal. drs wks.....gal		.45
10° dist range, drums, wks.....gal		.40
Tanks, wks.....gal		.35
Commercial, 110 gal drs, wks.....gal		.31
Tanks, wks.....gal		.26
Xylidine, crude.....D		.37
Refined.....D		.42

YARA YARA, 1 lb tins.....D	1.65	1.80
Yohimbin Hydrochloride, 1 gm vial.....cm	3.15	4.00
Bessie.....cm		3.00
York Oil bbls.....D		.35
ZINC, METAL, high grade, slabs		
c/l NY.....100 lb		3.75
Common Slabs, c/NY.....100 lb	7.35	7.40
Mossy, 25 lb bxs. NY.....D		.14
Ammonium Chloride, powd., 400 lb		
bbls.....D	.07%	.08
Carb. tech., bbls, NY.....D		.10
USP, 100 lb bags.....D		.20
Chloride, fused, 600 lb drs wks.....D		.07%
Dr. c/l wks.....D		.06
Granulated, 500 lb bbls wks.....D		.08
Imported, dr., NY.....D		.08
Solution, 50%, tanks wks 100 lb		3.00
USP, 25 lb jars.....D	.37	.39
Cyanide, 100 lb drs.....D		.41
Dust, 100 lb tins, wk.....D		.10
500 lb bbls bags c/l wks.....D		.08
800 lb bbls, bags, c/l wks.....D		.09%
Iodide, 5 lb bbls.....D		5.28
Nitrate, 25 lb jars.....D		.45
Oxide, Amer. Bags wks.....D	.07%	.07%
Oxide, Amer 300 lb bbls, wks.....D	.07%	.07%
French, 300 lb bbls wks.....D	.10	.12%
Ebl. c/l wks.....D	.08%	.11%
Bags, c/l wks.....D	.09%	.11%
USP, 100 lb bbls c/l.....D		.14%
Ton, lots wks.....D		.16%
Imported, white seal, bbls.....D		.12
Green seal, bbls.....D		.10
USP 100 lb bbls.....D	.15%	.16
Stearate, USP, 50 lb bbls.....D	.21	.22
Bessie.....D	.17%	.18
Sulfate, 400 lb bbls, wks.....D	.03%	.08%
Bbls, c/l wks.....D		.03
USP 100 lb bbls.....D	.14	.15
Sulfide, 500 lb bbls.....D	.30	.33
Sulfocarbolic, 100 lb bags.....D	.30	.33
Wks.....D	1.25	1.75
Zirconium, oxide, pure.....D	.45	.50
Semi-ref'd, bps.....D	.08	.10
Natural, bps.....D	.02%	.03

Oils - Fats

Castor, No. 1 400 lb bbls.....D	.16%	.17
50 lb cases.....D		.17%
No. 3, bbls.....D		.16
Blown, 400 lb bbls.....D		.18
China Wood, spot NY.....D	.13%	.14
Tanks, Spot, NY.....D	nom	.12%
Coast, tanks.....D	.12	.12%
Coconut, Ceylon, 375 bbls, NY		
8000 gal tanks, NY.....D	.09%	.09%
Cochin, 375 lb bbls, NY.....D	.11%	.11%
Tanks, NY.....D		.10
Manila, bbls, NY.....D	.10%	.10%
Tanks, Pacific Coast.....D	.08%	.09
Edible, bbls, NY.....D	.12%	.13
Cod Newfoundland, 50 gal bbls gal	.62	.65
Tanks, NY.....gal	.55	.57
Cod Liver, see Cod Liver Oil under Chemicals		
Copra, bags.....D	.05%	.06
Corn, ref., 375 lb bbls, NY.....D		.13
Crude, tanks mills.....D	.09%	.10
Bbls, NY.....D	.11	.12
Sottomed, crude, tins, mill....D		
P.S.Y. 100 bbls, NY.....D	.10%	.11%
White, 100 bbls, lots, NY.....D		.14
Winter yellow, 100 bbls, NY.....D	.13%	.14
Degras, Amer. 50 gal. bbls, NY.....D	.04%	.04%
English, light, bbls, NY.....D	.05%	.05%
Brown, bbls, NY.....D	.04%	.04%
Light brown, bbls, NY.....D	.04%	.04%
Dark, bbls, NY.....D	.03%	.04
Neutral, bbls, NY.....D	.07%	.12
Moselin, bbls, NY.....gal		.50
Greases, choice white, bbls NY.....D		.13%
Yellow.....D		.08%
Brown.....D	.08%	.08%
House.....D	.08%	.08%
Bone naphtha.....D		.07

Hexamethylenamine, U. S. P.
Benzoate of Soda

Formaldehyde, U. S. P.
Benzaldehyde

THE NORVELL CHEMICAL CORPORATION

New York Office
99 John Street

Perth Amboy, New Jersey

Chicago Office
180 North Market St.

Church & Dwight Co.

80 Maiden Lane
New York

Bicarbonate of Soda
Sal Soda
Monohydrate of Soda

CRESYLIC ACID ALL GRADES

Benzol, Toluol, Solvent Naphtha
Coal Tar Products, Disinfectants.
Selling Agents for
ACETATES

IODIDES

Potassium, Ammonium and Sodium
Manufactured by
Witbeck Chemical Corporation

Wm. E. Jordan & Brother
13 Cliff St. New York Beekman 1758
Works: Matawan, N. J.

Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.
Horse, 375 lb bbls., NY	lb	.10	nom.
Lard, prime steam, bbls.	lb	.17 1/4	
Compound, bbls.	lb	.13 1/4	
LARD OIL Edible, prime	lb	.19 1/4	
Off prime, bbls.	lb	.18 1/4	
Extra, No. 1 bbls.	lb	.14 1/4	
Extra, No. 2 bbls.	lb	.13 1/4	
No. 2, bbls.	lb	.13	
No. 2 bbls.	lb	.12 1/4	
LINSEED , raw c/l bbls, spot	gal	1.00	
Five bbls, raw	gal	1.03	
Tank, raw	gal	.94	
Boiled, 5 bbl. lots	gal	1.06	
Double Boiled, 5 bbl	gal	1.07	
c/l wks	gal	1.00	
Imported bbls. NY	gal		
Tanks, NY	gal		
Menhaden, crude, bbls, wks.	gal	nom.	
Crude, tanks, Balt.	gal	nom.	
Light pressed, bbls, NY	gal	.78	
Yellow, bleached, bbls, NY	gal	.79	
Extra bleached, bbls, NY	gal	.81	
Blown, bbls, NY	lb	.10 1/4	
Neatsfoot, 20° c.t. bbls., NY	lb	.17 1/4	
Pure, bbls, NY	lb	.14 1/4	
Extra, bbls, NY	lb	.13 1/4	
No. 1 bbls, NY	lb	.13	
Oleo Oil, No. 1 bbls, NY	lb	.14 1/4	
No. 2, bbls NY	lb	.13 1/4	
No. 3, bbls, NY	lb	.11 1/4	
OLIVE , denatured, bbls, NY	gal	1.15	1.20
Edible, bbls., NY	gal	2.00	2.30
Foots, bbls, NY	lb	.08 1/4	.08 1/4
Shipments	lb	.08 1/4	.08 1/4
alm Lagos, 1500 lb casks	lb	.09 1/4	.09 1/4
Niger casks	lb	.08 1/4	.09
Bonny old Calabar, casks	lb		nom.
Palm Kernel bbl NY	lb		.10 1/4

Peanut, refined, bbls, NY	lb	.15	.16
Crude, bbls, NY	lb		.10 1/4
Perilla, bbls, NY	lb	.14 1/4	.15
Poppseed, bbls., NY	gal	2.25	2.50
Rapeseed, refined, bbls, NY	gal	.99	1.00
Blown, bbls NY	gal		1.16
Red Oil, distilled, bbls.	lb	.11 1/4	.12 1/4
Saponified, bbls.	lb	.11 1/4	.12 1/4
Tanks	lb		.10 1/4
Salmon, 8000 gal. tks. Coast	gal	.50	nom.
Sesame, edible, yellow, bbls	lb	.13	.13 1/4
White	lb	.14 1/4	.15
Sod Oil, bbls., NY	gal		.40
SOYA BEAN , crude, tks, Coast Coast	lb		.11
Crude, tks, NY	lb		.12 1/4
Crude, bbls, NY	lb		.13
Refined, bbls, NY	lb		.14 1/4
Sperm, 38° c.t. bldd. bbls. NY	gal	.89	.91
45° cold test, bldd. bbls. NY	gal	.87	.89
STEARIC ACID , s.p. 200 lb bags	lb		.14 1/4
Double pressed, bags	lb	.14 1/4	.15 1/4
Double pressed, bgs., saponified	lb	.14 1/4	.15 1/4
Triple pressed, bgs., distilled	lb	.16 1/4	.17 1/4
Triple pressed, bgs., saponified	lb	.16 1/4	.17 1/4
Stearine oleo, bbls	lb	.13 1/4	.14
Tallow, edible tines	lb	.10 1/4	.10 1/4
City, extra loose	lb	.09 1/4	.09 1/4
Tallow Oil, acidless tks., NY	lb		.10 1/4
Bbls. c/l NY	lb		.12 1/4
Walnut, crude bbls NY	lb		
Whale, nat winter bbls., NY	gal		.79
Bldd. winter bbls., NY	gal		.81
Extra Rich, bbls., NY	gal		.93
No. 1, tanks Coast	gal		
Crude, No. 2, tanks Coast	gal		
Crude, No. 3, tanks Coast	gal		

Crude Drugs

Accroides Gum, red, see Yacon			
ACONITE LEAVES , bales	lb	.10	.11
Root, USP, bags	lb	.35	.35
Agar Agar, 1, 200 lb bales	lb	1.40	1.50
No. 2, bales	lb		1.40
No. 3, bales	lb	1.20	1.25
Aspic, white, cases	lb	2.75	3.00
Granulated, boxes	lb	3.25	3.40
Almonds, bitter, boxes	lb	.60	.65
Sweet, boxes	lb	.57	.60
Meal, barrels, boxes	lb	.34	.35
Alotris Root, bags	lb	.40	.41
Alkanet Root, bag	lb	.08 1/4	.10
Aloes, Barbados, 120 lb bbls.	lb	.70	.75
Cape, 400 lb cases	lb	.08 1/4	.09
Curacao, 160 lb cases	lb	.10	.11
Socotrone, whole, 300 lb cs.	lb		.35
Select, cakes, lb	lb	.36	.38
Althes Root, Cuts, cs	lb	.50	.55
Whole	lb	.24	.25
Ambergris, black boxes	cs	8.00	10.00
Grey, boxes	cs		26.00
Ammoniac, tears, bags	lb	.80	.85
Angelica Root, dom. bags	lb	.13	.14
Angostura Bark, bags	lb	.16	.20
Anise, Levant, bags	lb	.14 1/4	.15
Russian bags	lb	.13	.14
Star cases	lb	.12 1/4	.13
Spankly, bags	lb	.16	.16 1/4
Annatto Seed, 200 lb bags	lb	.15	.18
ARABIC GUM ,			
White, No. 1, 200 lb bags	lb	.24	.25
Seconds, 250 lb bags	lb	.22	.23
Sorts, amber, 200 bgs. bbls.	lb	.12 1/4	.14
Powd., USP, 300 lb bbls.	lb	.31	.33
Arca Nuts 150 lb bags	lb	.15	.19
Powd., 200 lb bbls.	lb	.20	.31
Argols, Red, grd. see Chemicals			
Arctia Flowers, bales	lb	.11	.14
Root, bags	lb	.28	.30

LESS WORRY

THERE is nothing that takes the joy out of business quicker than worry over your raw materials—whether it refers to quality, deliveries or the firm behind the product.

International Salt users enjoy worryless days insofar as their salt supplies are concerned. International Salt refineries are the last word in modern salt purification, and deliveries of this quality product are prompt. The business methods of the organization behind International Salt are on a par with the quality of the product.



SCRANTON
PA.

**INTERNATIONAL
SALT COMPANY, Inc.**



NEW YORK OFFICE
2 RECTOR ST.

Crude Drugs

Arrowroot, Amer, Powd, bbls.....D	.10	.10%	Cassia Batavia, No. 3 bales.....D	.10	.10%	Elecampane Root, bags.....D	.09	.10
Bermuda, bbls.....D	..	..	China, select, rolls, cases.....D	.07	.07%	Elder Flowers, bags.....D	.10	.13
St. Vincent, powd bbls.....D	.13	.14	Broken, bales.....D	.06%	.06%	Elemi Gum, 85 lb cases.....D	.13	.15
Anafetide, USP, 250 lb cases.....D	.26	.27	Buds, cases.....D	.20	.21	Elm Bark, select 5 lb bundles casesD	.26	.27
Powd., 50 lb bxs.....D	.40	.43	Jasida Fistula, baskets.....D	.09	.11	Grindelia, bags.....D	.16	.17
SALM GILEAD BUDS, bags.....D	.40	.43	Castile Soap, USP, powd., 200 lb bbls.....D	.30	.32	Powdered, bbls.....D	.23	.25
Balmory Herbs, bales.....D	..	.14	Castor Beans, bags.....D	.05	.05+	ERGOT, 150 200 lb bags.....D	.51	.54
SALSAMS			Castoreum, See Aromatic Chemicals, Perfumes, Sundries			Eucalyptus Leaves, bales.....D	.05%	.06
Copalba, Para, 80 lb cs.....D	.54	.55	Catechu Gum, bags.....D	.11	.12	Euphorbia Pinnifera Herb, bagsD	.09	.09%
South American, 80 lb cs.....D	.56	.60	Catnip Herb, bales.....D	.23	.26	Euphorbium Gum, cases.....D	.27	.30
For Canada, cases.....D	11.00	12.00	Celery Seed, bales.....D	.26	.26%	Powdered boxes.....D	.28	.30
Oregon bbls cases.....gal	.95	1.15	Ceratin Wax, white, bags.....D	.10%	.20	Fennel Seed, French, bags.....D	.09	.10
Peru, 120 lb cases.....D	1.85	1.90	Yellow, 200 lb bags.....D	.09	.10	German, bags.....D	.14	.16
Tolu, 120 lb cases.....D	1.40	1.50	CHAMOMILE FLOWERS, Roman			Indian, bags.....D	.08%	.09
Bamboo Brier Root, bags.....D	.05%	.07	cases bales.....D	.17	.18	Penugreek Seed, 200 lb bags.....D	.05	.05%
Barberry Bark, tree bales.....D	.13	.15	Hung, cases bales.....D	.17	.20	Fish Berries, 100-125 lb bags.....D	.08	.08%
Root, bags.....D	.35	.37	Charcoal, Willow, powd bbls.....D	.05%	.06%	Flax Seed, whole, 180 lb bbls.....D	15.00	15.05
Bayberry Bark, bales.....D	.10	.12	Wood, powd. bbls.....D	.04	.06	Ground, 180 lb bbls.....D	.08	.08%
Wax, bbls.....D	.21	.23	Walnut Bark, bags.....D	.07	.07	Fringe Tree Bark, bags.....D	.25	.28
Belladonna Leaves, bales.....D	.25	.27	Herb, bales.....D	.06	.06%	Fumigating Pastilles Black, 1 lb boxes.....D	..	.18
Root, bags.....D	.15	.18	Witch Gum, bags.....D	.85	.90	Red, 1 lb boxes.....D	.23	.25
Bees Wax, white cases.....D	..	.55	Chitrella, bales.....D	.07	.10	GALANGAL ROOT, bags.....D	.09	.10
Yellow, refined, cases.....D	..	.45	Cinchona Bark, red quills bales.....D	.75	.80	Galbanum Gum, cases.....D	.80	.85
Crude bags.....D	.38	.42	Broken, bales.....D	.28	.35	Gambier Gum, bags.....D	.16	.17
Bennoin Gum, Siam, boxes.....D	1.30	1.85	Cinnamon, Ceylon, No. 1 bales D	.41	.42	amango Gum, 160 lb cases.....D	.90	.95
Sumatra, 80 lb boxes.....D	.24	.25	No. 2, bales.....D	.38	.39	Powdered, cases.....D	.95	1.00
Berberis Aquifolium Root, bags.....D	.13	.14	No. 3, bales.....D	.37	.38	Gelsemium Root, bags.....D	.13	.13
Beth Root, bags.....D	.24	.26	Civet, Abyssin horns.....D	2.55	2.60	Gentian Root, bags.....D	.08%	.09
Bitter Root, 100 lb bags.....D	.40	.43	Clover Tops, bags.....D	.20	.22	Ground, bbls, boxes.....D	.12	.13
Blackhaw Bark, root, bales.....D	.35	.34	Cloves, Zanzibar, 135 lb bales D	.24	.24%	Powdered, boxes.....D	.13	.13
True, bales.....D	.15	.17	Amboyas, bales.....D	.42	.44	Ginger African, bags.....D	.15%	.15%
Blood Root, bags.....D	.13	.15	Penang, bales.....D	.40	.42	Jamaica, grinding, bags bbls.....D	.17	.18%
Bloodroot, bags.....D	.27	.30	Jochimsal, Black.....D	.51	.53	Japan, bags.....D	.21	.21
Boldo Leaves, bales.....D	.15	.20	Coca Leaves, Huancoco bags.....D	..	..	Cochin, ABC & Lemon, bags D	10%	.21
Bonsett Herb, bales.....D	.09	.11	Treadles, bags.....D	..	..	Ginseng Root, cultivated, bags.....D	8.00	10.00
Leaves, bales.....D	.09	.11	Cobosh Root, Black bags.....D	.08%	.15	Northwestern Wild, bags.....D	12.00	14.00
Borage Flowers, bales.....D	.18	.30	Blue, bags.....D	.10	.11	Southern Wild, bags.....D	8.50	10.00
Bryonia Root, bags.....D	.09	.10	Pulp, USP, bales.....D	.23	.25	Golden Seal Root, bags.....D	4.60	5.10
Black Indian Root, 100 lb bags.....D	.40	.43	Colchicum Root, bags.....D	.04	.09	Powdered boxes.....D	4.90	5.15
BUCHU LEAVES, short, 250 lb bales.....D	.65	.70	Seed, bags.....D	.16	.17	Grains of Paradise, bags.....D	.13	.14
Less bales.....D	.68	.70	Calceyuth, apples, cases, bales.....D	.22	.25	Grindelia Robusta Herb, bales.....D	.09	.09%
Long bales.....D	..	..	Colombo Root, whole bags.....D	.03%	.04	Guaiac Gum, 80 lb cases powd.....D	.48	.58
Bookbean Leaves, bales.....D	.11	.12	Coltsfoot Leaves, bags.....D	.05	.06	Guarana, tins, cases.....D	.85	.90
Buckthorn Bark, bags.....D	.07	.08	Comfrey Root, bags.....D	.13	.14	GUM, see Arabic Gum, etc.		
Burdock Root, bags.....D	.10	.13	Condurango Bark, bags.....D	.12%	.13	HELLEBORE ROOT,		
Burgundy Pitch, dom, 110 lb stands	..	.05%	Conium Herb, bags.....D	.12	.14	Black, bbls.....D	.08	.10
Cross for net.....D	.10	.11	Conium Seed, bags.....D	.10	.11	Powdered.....D	.15	.17
Imported.....D	..	.05%	Copaiha Balsam Para, see Balsams			White, Powd., 250 lb bbls.....D	.12	.13
Calabar Beans, bags.....D	..	1.00	Copal Gum.....D	.12	.13	Helonias Root, (uncorn false) bags.....D	.67	.68
Calamus Root, bleached, cases.....D	.33	.34	Coriander Seed, Bombay, bags.....D	.06	.06%	Hemp Seed, Manchurian bgs.....D	.03%	.04%
Unbleached, bags.....D	.08%	.07	Morocco, bags.....D	.05%	.05%	Chilian, bags.....D	.04	.04%
Calendula Petals, imp., bales.....D	.23	.30	Bleached, bags.....D	.09	.09%	Henbane Leaves, bales, USP.....D	.29	.31
Callaya Bark, bales powd.....D	.80	.81	Corn Silk bales.....D	.05%	.06%	No. assay.....D	.22	.26
Campbor, see Chemicals			Cotton Root Bark, bales.....D	.14	.15	Henna Leaves, bales.....D	.14	.15
Canary Seed, Morocco bags.....D	.08%	.09	Cowhage, or tins.....D	..	.65	Powdered.....D	.13	.14
Spanish bags.....D	.08%	.09%	Cramp Bark, so called bales.....D	.06%	.07	Honey, Calif., 120 lb cases.....D	.11	.12
South American, bags.....D	.07%	.08%	True, bags.....D	.30	.32	Hops, NY prime bale.....D	.26	.30
Candellila Wax, bags.....D	.30	.32	Cranebill Root, bags.....D	.09	.10	Pacific Coast prime bales.....D	.25	.27
Canella Alba Bark, bales.....D	.60	.62	CUBES BERRIES, XX bags.....D	.65	.68	Horobound Herb, bales.....D	.09	.10
Cannabis, true Imp. bags.....D	..	..	Powdered, bxs.....D	.65	.67	Horse Nettle, Berries, bags.....D	.35	.35
American (no assay) bales.....D	.30	.40	Culvers Root, bags.....D	.19	.20	Horsetail Rub, bags.....D	..	.15
USP.....D	.46	.40	Cumin Seed, Levant bags.....D	.14%	.15	Hydrangea Root, bales.....D	.09	.10
Cantharides, Chinese cases.....D	.95	1.00	Malta, bags.....D	.13	.13%	India Gum, see Karaya		
Powdered bags.....D	1.15	1.30	Morocco, bags.....D	..	.14	INSECT FLOWERS, open whole		
Russian, cases.....D	.75	.80	Cuttlefish Bone, Trieste, straps.....D	.13	.14	Bals.....D	.34	.35
Powdered, boxes.....D	.95	1.05	Jewelry large, straps.....D	..	.30	Closed, whole bales.....D	.36	.38
Caraway Seed, African, bags.....D	.07%	.08	Small, straps.....D	..	.25	Powdered, pure 200 lb bbls.....D	.37	.40
Dutch, 11 lb bags.....D	.08	.08%	French, straps.....D	.13%	.14	Flowers and Stems, 50 p.e. 200 lb bbls.....D	.30	.31
Cardamom, bleached cases.....D	2.80	2.80	Powdered, boxes.....D	.08	.09	Ipecac Root, Cartagena, bags.....D	1.95	2.05
Decorated, cases.....D	2.40	2.40	Yamar Gum, 136 lb cases.....D	.27	.28	Powdered, 200 lb bbls, bxs.....D	2.30	2.40
Green, grinding, bags.....D	1.58	1.62	Damiana Leaves, bales.....D	..	1.25	Rio Whole, bags.....D	1.90	1.95
Jararuba Wax, Flor. bags.....D	.39	.40	Dandelion Root, Imp. bags.....D	.17%	.20	Whole, 200 lb bbls, bxs.....D	2.25	2.30
Powd.....D	.39	.40	Deer Tongue Leaves, bales.....D	.04%	.09	Gringlan American, 130 lb cs.....D	.75	.80
No. 1, yellow bags.....D	.37	.38	Medicinal Leaves, bales.....D	.10	.11	Russian (Beluga) bxs. ctms.....D	4.00	4.50
No. 2, N Country bags.....D	.31	.34	Dill Seed, bags.....D	.05	.05%	JABORANDI LEAVES, bales.....D	.10	.10%
No. 3, N Country bags.....D	.31	.31	Cleaned, bags.....D	.08%	.08%	Jalap Root, whole, 150 lb bags.....D	.29	.35
No. 5, chalky, bags.....D	.31	.32	Logwood Bark Jamaica, bags.....D	.09%	.10	Powd, USP, 250 lb bbls.....D	.34	.36
Caecara Amara, 160 lb bales.....D	1.25	1.60	American, bales.....D	.07	.08	Japan Wax, White, bags.....D	.18	.18%
So-called bales.....D	.85	.90	Dogwood Root, USP, cut bags.....D	.12	.13	Job's Tears, White, bags.....D	.12	.13
Caecara Sagrada, bales.....D	.36	.38	Parane Blood, mass cases.....D	.70	.75	Juniper Berries, 125 lb bags.....D	.05	.05%
1920-22 bark.....D	.31	.34	Reeds, boxes.....D	.85	.90	KAMALA, USP, boxes.....D	1.00	1.05
1924 bark.....D	.14%	.15	ECHINACEA ROOT, bags.....D	.29	.32	Karaya Gum, powdered, bbls.....D	.08%	.12
1925 bark.....D	.13%	.13						
Caecartilla Bark, quills, bales.....D	..	..				
Peppine, bbls.....D	..	..				
Cassia Batavia, No. 1 bales.....D	.11	.11%						
Shortstick, bales.....D	.10	.10%						

Crude Drugs

Kauri Gum No. 1.....D	.68	: .70	Marjoram Leaves, French, bales..D	.36	: .37	Opium, Powdered, USP, cases....D	13.00	: 14.00
Kava Kava Root, bags.....D	.18	: .19	Chilian, bales.....D	.24	: .24 1/2	Orange Flowers, cases.....D	.25	: 1.25
Kiao Gum, black cases.....D	.35	: .60	Mastic Gum, 120 lb cans.....D	.57	: .60	Orange Peel, bitter, bags.....D	.07 1/2	: .08
Kola Nuts, 150 lb bags.....D	.04 1/2	: .05	Mastic Leaves, bales.....D	.17	: .27	Sweet, bags.....D	.11	: .11 1/2
Kouso Flowers, bags.....D	1.50	: 1.75	Mistecron Bark, bags.....D	.11	: .12	ORRIS ROOT, Florentine bold bags..D	.09	: .10
LADY SLIPPER ROOT, bags.....D	.65	: .60	Millet Seed, dom, yellow bags..D	.08 1/2	: .04 1/2	Powdered, 200 lb bbls..D	.11 1/2	: .13
Laripur Seed, bags.....D	3.25	: 4.25	Montan Wax, crude bags.....D	.06 1/2	: .07	Verona, bags.....D	.08	: .10
Lauri Berries, bags.....D	.10	: .11	Bleached.....D			Powdered, 200 lb bbls..D	.11	: .12
Leaves, Greek, bags.....D	.05 1/2	: .05 3/4	Moss, Iceland, bales.....D	.08 1/2	: .10	Fingers, cases.....D	.58	: .60
Italian bales.....D	.04 1/2	: .05	Irish, bleached, bales.....D	.09	: .11	Ookerite Wax, brown hard bags..D	.24	: .25
American, bales.....D	.25	: .35	Select, bales.....D	.12	: .13	Green, hard bags.....D	.26	: .29
Lavender Flowers, ordinary.....D	.23	: .24	Mullein Flowers, tins.....D	.85	: .90	Refined, yellow, bags.....D		: .37
Selected.....D	.30	: .38	Musk, pods, Cardarine, tins.....oz	16.00	: 17.00	PAPRIKA, bags.....D	.25	: .25 1/2
Leeches tubs.....Per 100	3.20	: 3.75	Toouquin.....oz	23.00	: 25.00	Hungarian.....D	.25	: .25 1/2
Lemon Peel, bags.....D	.08 1/2	: .09	Grain Cab.....oz	25.00	: 26.00	Pareira Brava Root, bags.....D	.11	: .12
Licorice Root, Russian, whole.....D	.03	: .04	Toouquin.....oz	35.00	: 38.00	Parsley Seed, bags.....D	.15	: .17
Spanish, natural bales.....D	.07	: .08	Synthetic, see Chemicals.....D	1.90	: 2.50	Patchouli, Leaves, bales.....D	.19	: .20
Powdered, bbls.....D	.12	: .13	Musk Root, Russian, bags.....D	.12	: .12 1/2	Peltitory Root, bales.....D	.19	: .20
Selected, 2 & 5 lb bundles.....D	.11	: .16	Mustard Seed Bari brown bags..D	.08	: .08 1/2	Pennyroyal.....D	.07	: .10
Cuttings, 125 lb bags.....D	.06 1/2	: .07	Bombay, brown.....D	.10	: .10 1/2	Pepper, black, Sing. bags.....D	.14	: .14 1/2
Turkish, 150 lb bales.....D	.03	: .08 1/2	California, /brown.....D			White bags.....D	.23	: .24
Life Everlasting Herbs, bales.....D	.05	: .06	Yellow.....D			Alleppey, bags.....D	.14 1/2	: .14 1/2
Lime Juice, clarified bbls.....gal	.60	: .65	Chinese yellow.....D	.09	: .10 1/2	Lampong, bags.....D	.13 1/2	: .14
Linden Flowers with leaves, bales D	.11	: .11 1/2	English, yellow.....D	.08 1/2	: .09 1/2	Tellecherry, bags.....D	.15 1/2	: .15 1/2
Without leaves, bales.....D	.19	: .20	Dutch, yellow.....D	.08 1/2	: .09 1/2	Muntok, bags.....D	.23	: .23 1/2
Lobelia Herb, bales.....D	.45	: .48	Danish, yellow.....D	.08 1/2	: .09	Red Chillies, Japan No. 1, lbs..D	.21	: .21 1/2
Lobelia Seed, bags.....D	.62	: .65	Myrrh Gum, select, 200 lb cs..D	.24	: .28	Mombassa, bags.....D	.09	: .09 1/2
Lovage Root, Imported, bags.....D	.20	: .25	Sorin, cases.....D	.20	: .24	Talay, bags.....D	.10	: .11
Lupulin, N.F. tins.....D	1.55	: 1.60	NUTGALLS, Chinese, bags.....D	.17	: .18	Capicum, Bombay, bags.....D	.11	: .11 1/2
Bands, No. 1 cases.....D	1.00	: 1.05	Aleppey, bags.....D	.20	: .22	Peppermint Leaves, imp. bales...D	.18	: .22
Lycopodium, 88 lb cs.....D	.85	: .90	Nutmegs, 110s cases.....D	.51	: .52	Cuts, bales.....D	.12	: .14
MACE, Siam, No. 1.....D	1.03	: 1.04	76s, 80s, cases.....D	.59	: .61	Domestic leaf.....D	.18	: .19
Batavia, No. 2, cases.....D	.88	: .90	Grinding, bags.....D	.48	: .50	Peru Balsam, see Balams.....D		
West India, cases.....D	.85	: .87	Nux-Vomica Buttons, bags.....D	.05	: .06	Mehl Leaves, bags.....D	.17	: .19
Malva Flowers, blue bales.....D	.34	: .37	Powdered, 200 lb bbls.....D	.09	: .12	Pimento Select, bags.....D	.08 1/2	: .08 1/2
Black, bales.....D	.55	: .60	SAK BARK, red bags.....D	.05	: .06	Pink Root, true bags.....D	.72	: .75
Manca Root, bales.....D	.17	: .22	White, bags.....D	.06	: .07	Pitch, Burgundy, see Burgundy Pitch		
Manna, large flake, cases.....D	.65	: .70	Oilbanum Gum, Sift 280 lb casesD	10 1/2	: .11	Plantain Leaves, bales.....D		: .12
Small flake, cases.....D	.58	: .60	Tears, 280 lb cases.....D			Pleurisy Root, bags.....D		: .19
Sorin, cases.....D	.30	: .30	No 1, all white 280 lb.....D	.22	: .23	Poke Berries, bags.....D	.15	: .17
Mandarin Root, bags.....D	.10	: .12	No. 2, 280 lb cases.....D	.13	: .14	Pomegranate Bark, of root bags..D		: .30
Marjoram Leaves, German, bales D	.27	: .28	Opium, gum, USP, cases.....D	12.00	: 13.00	Of Fruit, bags.....D		: .30
African, bales.....D			Granular, cans.....D	18.00	: 14.00	Of Tree.....D		: .30
						Pooty Flowers, red bags.....D	.25	: .27

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Crude Drugs

Poppy Seed, Dutch, bags10	: .10%	Savory Leaves, bales07½	: .08	Spruce Gum, boxes	1.00	: 1.50
German, bag .....	.09½	: .10	Saw Palmetto Berries, bags .....	.40	: .45	Squaw Vine, bales .....	.16	: .17
Turkish, bags .....	.09	: .09½	Scammony Root, boxes	1.20	: 1.50	Squilla, white .....	.05	: .06
Blue Indian, bags .....	.08	: .08½	Scammony Root, bags .....	.07	: .08	Powdered, bulk .....	.13	: .14
White Indian, bags .....	.08	: .08½	Senega Root, bags .....	.52½	: .55	blavesacre Seed, bags .....	.35	: .37
Prickly Ash Bark, Southern, bags .....	.21	: .22	SENNA, Alex 150 lb cases .....	.22	: .23	Sticklac, 250 lb bales .....	.35	: .40
Northern, bags .....	.12	: .14	caif Leaf, 350 lb bales .....	.15	: .16	Stillingsia Root, bags .....	.12	: .13
Prickly Ash Berries, bags .....	.20	: .25	cuttings, 400 lb bales .....	.10	: .11	Stone Root, bags .....	.09	: .10
Prince's Pine, bales .....	.12	: .13	rewooled, 200 lb bbls .....	.14	: .14½	St. Ignatius Beans, bags .....	.13	: .14
Pulsatilla Herb, bags .....	.18	: .20	Timnevelly, Root, 350 lb bbls .....	.14	: .15	St. John's Bread, bags .....	.08	: .09
Pumpkin Seed, bags .....	.07	: .07½	medium Leaf .....	.11	: .12	Stramonium Leaves, bales .....	.09½	: .10
QUASSIA CHIPS, bags .....	.06	: .06	small Leaf .....	.08	: .11	Stramonium Seed, bags .....	.10	: .11
Queen of the Meadow Herb, bags .....	.80	: .85	Powdered, 200 lb bbls .....	.22	: .25	Strophanthus Seed, Hlapidus		
Quince Seed, bags .....	.06½	: .07	Pods, 350 lb bales .....	.22	: .25	Kombe bags	1.00	: 1.25
RAPE SEED, South Amer. bags .....	.08	: .08½	serpentaria Root, bags .....	.85	: .90	Styrax, liquid artif. .....	.35	: .40
Dutch, bags .....	.07½	: .08	celliac, D. C., bags .....	.78	: .78	Gen. USP. .....	.45	: .60
Raspberries, dried bbls .....	.50	: .52	v.S.O. bags .....	.78	: .78	Sunflower Seed, domestic bags .....	.05½	: .06½
Red Saunders, bags .....	.17	: .19	usamond l. bags .....	.78	: .78	South American, bags .....	.05	: .05½
Rhatany Root, bags .....	.08½	: .09	Superfine, Orange, bags .....	.55	: .57	YAGALDER BARK, bags .....	.05	: .06
RHUBARB, Root, H. D. cases .....	.36	: .40	fine, bags .....	.53	: .55	Tamarinde, bbls .....	.07	: .08
Powdered, 200 lb bags .....	.42	: .45	T. N., bags .....	.55	: .58	Keps	3.75	: 3.80
Rosemary Leaves, bales .....	.06½	: .07	Garnet, A. C. .....	.78	: .78	Pansy Herb, bales .....	.18	: .19
Rosemary Flowers, cases bales .....	.40	: .40	nutton bags .....	.56	: .56	Par. Barnades, 50 gal bbls	1.40	: 1.50
Scot Petals, pale .....	.27	: .30	knatched, ground, blue .....	.62	: .63	Pinus Gum, 250 lb bbls .....	.09	: .10
Red		: 1.25	Bone Dry, bbls .....	.15	: .18	Thyme, Spanish cases .....	.09	: .09½
Blue Herb, bales .....	.18	: .20	Sideritis Herb, cut bags .....	.08	: .09	French, bales .....	.08	: .08½
SABADILLA SEED, bags .....	.14½	: .14	Simaruba Bark, bales .....	.60	: .62	Tilia, see Linden		
Powder, bbls .....	.19	: .20	Skullcap Leaves, Eastern, bales .....	.32	: .34	Tolu Balsam, See Balsams		
Saffron Flowers, Amer. bales .....	.40	: .43	Western bales .....	.13	: .16	Tonga Bark, bags .....	.70	: .75
Valencia, 1 lb cans	31.00	: 32.00	Skunk Cabbage Root, bales .....	.34	: .35	Tonka Beans, Angostura, cases	2.00	: 1.00
Sage, Dalmatian, bales .....	.04½	: .05½	Snake Root, Canada, natural, bags .....	.50	: .65	Para, cases .....	.85	: .90
Greek, bales .....	.03½	: .04	Stripped, bags .....	.10	: .12	Surinam, cases .....	.85	: .90
Spanish, bales .....	.03	: .03½	SOAP BARK, whole, 150-200 lb .....	.09½	: .10½	Tragacanth Gum No 1 ribbon	1.45	: 1.50
Sandalwood, chips, bags .....	.16	: .19	bales .....	.11½	: .11½	100 lb cs	1.15	: 1.50
Ground, bags .....	.21	: .23	Cut, 125-175 lb bags .....	.27	: .29	No. 2 .....	.87	: .92
Sandarac Gum, 300 lb bbls .....	.45	: .48	Crushed, 200 lb bbls .....	.43	: .45	Turkish, cases .....	.70	: .80
Sarsaparilla Root, Honduras, bales .....	.70	: .70	Spearment Leaves, American bales .....	.17	: .18			
Mexican .....	.23	: .23	Spermaceti, blocks, cakes, cases					
Sassafras Bark, ordinary bales10	: .11	Spikenard Root, bags					
Select, bales23	: .23						

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Turmeric Root, Madras bags	11 1/2	.12
Aleppy, bags	10 1/2	.10 1/2
Powdered	13 1/2	.14
China, bags	.09	.09 1/2
Turpentine, Venice true 80 lb cs	.27	.28
Artificial, 80 lb cases	.11	.13
Spirits, see Naval Stores		
UNICORN ROOT, false, see Helonias		
True, see Aletris		
Uva Ursi Leaves, bales	.05	.05 1/2
VALERIAN ROOT, Belgian bags	.40	.50
Vanilla Beans, Mex, whole cases	9.50	10.50
Cuts, cases	8.25	8.50
Bourbon, cases	8.50	9.00
South American, cases	8.50	9.00
Tahiti, yellow label cases	7.50	8.00
Green Label, cases		
Vetivert Root, 100 lb bags	.25	.26
Violet Flowers, bags	.80	.95
WANG BARK, of root bags	.76	.80
Of Tree, bags	.32	.34
White Pine Bark, rosed, bags	.07 1/2	.08
White Poplar Bark, bags	.06	.07
Wild Cherry Bark, thin green		
Rosed, bales	.12 1/2	.14
Thick Rosed, bales	.07	.09
Thin Natural, bales	.09	.09 1/2
Thick Natural, bales	.06	.07
Willow bark, bags		.06
White, bags		.15
Witch Hazel Bark, bgs	.07 1/2	.09
Leaves, bales	.07 1/2	.09
Worm Seed, American, bags	.08	.08 1/2
Levant, bags	2.90	3.00
Wormwood Herb, imported bales		.10
Yacca Gum, red	.04	.04 1/2
Ground	.05 1/2	.06 1/2
Yellow Root (Zanthoriza) bgs	.16	.17
YELLOW DOCK ROOT, bags	.12	.14
Yellow Parilla Root, bags	.16	.17
Yerba Santa, bags	.10	.11
Zedoary Root, bags	.11	.13

Essential Oils

Almond, Bitter, USP, 5 lb bot.	3.00	3.25
Bitter ff PA 5 lb bot.	3.15	3.35
Sweet, 50 lb cans	.78	.95
Apricot Kernel, 50 lb cans	.50	.55
Amber, crude, 25 lb tins	.50	.60
Rectified, 25 lb tins	.75	.80
Angelica Root, 1 lb bot.	25.00	35.00
ANISE, Tech, 66 lb case	.60	.61
USP, 60 lb cans		.65
Bay, 25 lb tins	2.25	2.35
Terpenes	6.00	6.50
Bergamot, 25 lb coppers	3.25	3.27
Terpenes	10.00	14.00
Artificial, 25 lb cans	2.00	2.20
Birch Tar, rect. 5 lb bot.	.50	.60
Crude, 50 lb tins	.20	.25
Bois de Rose, 25 lb tins	3.85	4.10
Cade, 25 lb cans	.30	.35
Cajuput, native, 50 lb tins	.75	.80
Calamus, 5 lb bot.	3.75	4.00
Camphor, Sassy 1000 lb drs		.14 1/2
White, 1000 lb drs	.11 1/2	.12
Cams, 50 lbs	.14	.14 1/2
Cananga, native, 25 tins	2.30	2.40
Rectified, 25 lb tins	2.75	3.00
Caraway, USP	1.75	2.00
Cardamom, USP, 1 lb bot.	40.00	45.00
Carvol, 5 lb bot.	8.75	9.75
Cascarilla, USP, 1 lb bot.	50.00	52.00
CASSIA, 80-85 p.c. 400 lb drs	1.90	1.95
Redistilled, USP, 50 lb cans	2.35	2.40
Cedar Leaf, 50 lb tins	.82 1/2	.90
Cedar Wood, light 1000 lb drs	.55	.60
Celery, 1 lb bot.	8.75	9.00
Chaulmoogra, 80 lb cans	.85	.90
Cinnamon, Ceylon, 1 lb bot.	10.50	11.00
Leaf, 5 lb bot	1.40	1.50

CITRONELLA, Ceylon

1000 lb drums	.80	.82
50 lb tins	.62	.65
Java, 400 lb drums	.85	1.00
50 lb tins	1.05	1.15
Cloves, USP, 50 lb cans	1.70	1.75
6 lb bot.	1.75	1.85
Copaiba, .....	.55	.60
Coriander, USP, 1 lb bot.	9.50	10.00
Croton, USP, 25 lb tins	.90	.95
Cubebs, USP, 5 lb bot.	4.50	4.60
Cumin, 1 lb bot	11.00	12.00
Dill, 25 lb cans	3.75	4.00
Erigeron 20 lb tins	3.25	3.75
EUCALYPTUS, Austrl USP,		
50 lb cs	.57	.58
500 lb drums	.55	.56
Fennel, USP, 25 lb tins	.80	.90
Garadum, African, 25 lb cans	5.25	6.00
Bourbon, 25 lb tins	4.00	4.25
Turkish, 28 lb tins	3.75	4.00
Ginger, 1 lb bot.	10.00	11.00
Gingergrass, 25 lb tins	2.50	2.75
Hemlock, 25 lb tins	.80	.85
Juniper Berries, USP, 25 lb tins	2.25	2.50
Wood, 50 lb tins	.50	.55
Lavender, USP, 28 lb tins	5.25	6.00
Spike, Spanish, 50 lb cans	1.10	1.75
LEMON, Ital USP, 25 lb cans	1.07 1/2	1.20
Terpenes	8.00	10.00
American, USP 25 lb cans	1.00	1.05
Lemongrass, native, 50 lb cans	1.00	1.05
Limes, Express, 25 lb tins		
Distilled, 25 lb tins	1.85	2.00
Linaloe, Mex, 80 lb cases	3.85	4.10
Mace, distilled, 50 lb tins	1.40	1.50
Mirbane, ret., see Ar. Chemicals		
Mustard, USP, 1 lb bot	14.00	14.25
Artif, USP, 5 lb bot	2.25	2.50
Neroli, Bigarde, 1/2 & 1 lb bot	45.00	50.00
Petale, 1 lb bot	100.00	125.00
Artificial, 1 lb bot	10.00	20.00

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Essential Oils

Vetiver, USP, 25 lb tins.....lb	1.40	: 1.60	Vetiver, Bourbon, 1 lb bot.....lb	12.00	: 14.00	Linalool, 5 lb bot.....lb	6.00	: 6.25
Orange, bitter, 25 lb tins.....lb	2.60	: 2.70	Indian, 1 lb bot.....lb	30.00	: 40.00	Extra 1 lb bot.....lb	7.00	: 7.50
Sweet, W. Ind, 25 lb tins.....lb	2.55	: 2.70	Java, 1 lb bot.....lb	20.00	: 22.00	MENTHOL, 60 lb cases.....lb	11.00	: 11.25
Italian, 25 lb cop.....lb	2.60	: 3.00	Wine, heavy, 1 lb bot.....lb	...	: 1.50	less cases, 5 lb cans.....lb	11.25	: 11.50
American, 25 lb tins.....lb	2.65	: 2.75	WINTERGREEN			Rhodinol, 1 lb bot.....lb	16.00	: 19.00
Distilled, 25 lb tins.....lb	1.65	: 1.75	Sweet, bch., 25 lb tins.....lb	2.50	: 3.00	Extra 1 lb bot.....lb	40.00	: 47.00
Spanish, 25 lb tins.....lb	2.70	: 2.85	Southern, 25 lb tins.....lb	1.85	: 2.00	SAFROL, drums.....lb	.31	: .32
Origanum, 50 lb cans tech.....lb	.25	: .30	Gaultheria, true 25 lb tins.....lb	7.00	: 8.00	60 lb cans.....lb	.33	: .34
Fanley, 1 lb bot.....lb	3.50	: 3.75	Southern, 25 lb tins.....lb	3.75	: 4.00	Thymol, USP, 25 lb tins.....lb	3.75	: 4.00
Patchouli, 5 lb bot.....lb	4.50	: 5.00	Synthetic, see Methyl Salicylate			SYNTHETIC AROMATICS		
Peppermint, 60 lb cases.....lb	2.00	: 2.15	Wormwood, Bait, USP, 25 lb tins.....lb	3.05	: 3.25	Acetophenone, CP 1 lb bot.....lb	3.50	: 3.75
Imported, 25 lb tins.....lb	1.70	: 2.00	Wormwood, dom. 25 lb tins.....lb	4.00	: 4.50	Aldehyde, C-8 (Octyl) 1 lb bot.....lb	45.00	: 60.00
PEPPERMINT, nat. 60 lb cases.....lb	18.00	: 20.00	Ylang Ylang, Bourbon, 10 lb tins.....lb	...	: 10.00	C-9 (Nonyl), 1 lb bot.....lb	70.00	: 75.00
Redis, USP, 60 lb cases.....lb	19.00	: 21.00	No 1.....lb	9.00	: 10.00	C-10 (Decyl), 1 lb bot.....lb	50.00	: 58.00
Petit Grain, S. A. 25 lb tins.....lb	2.15	: 2.30	No 2.....lb	6.00	: 7.00	C-12 (Dodecyl), 1 lb bot.....lb	27.50	: 32.50
French, 1 lb bot.....lb	7.00	: 8.00	Manila, 1 lb bot.....lb	35.00	: 40.00	C-14, 1 lb bot.....lb	22.50	: 25.00
Italian, 25 lb tins.....lb	3.25	: 3.35	OLEORESINS			C-16, 1 lb bot.....lb	70.00	: 80.00
Pimento, 25 lb tins.....lb	3.50	: 3.55	Aspidium, USP, 1 lb bot.....lb	2.00	: 2.25	Aubepine, see Anisic Aldehyde		
Pinus Sylvestris, 25 lb tins.....lb	.85	: 1.10	Sapideum, USP, 1 lb bot.....lb	2.00	: 2.25	Amyl Acetate, pure 5 gal cans. gal	4.75	: 5.50
Pumilio, USP, 25 lb tins.....lb	2.25	: 2.50	Cubeb, USP, 1 lb bot.....lb	4.00	: 4.50	Butyrate, 1 lb bot.....lb	1.90	: 2.00
Rose, Fr., 8, 16 & 32 oz pks.....lb	9.00	: 11.00	Singer, 5 lb bot.....lb	3.25	: 3.50	Cinnamate, 1 lb bot.....lb	4.00	: 4.50
Bulg., 8, 16 & 32 oz pks.....lb	2.00	: 3.00	Malefera. See Aspidium			Formate, 1 lb bot.....lb	1.75	: 2.00
Artificial, 1 lb bot.....lb	.48	: .55	Orris, 1 lb bot.....lb	15.00	: 18.00	Phenyl Acetate, 1 lb bot.....lb	4.50	: 5.00
Rosemary, USP, 27 1/2 lb tins.....lb	.45	: .50	Pepper, black, USP, 1 lb bot.....lb	2.50	: 4.00	SALICYLATE, dom. 100 lb		
1000 lb drums.....lb	.38	: .40	Vanilla, 1 lb bot.....lb	16.50	: 22.00	chys.....lb	1.45	: 1.50
Tech., 27 1/2 lb tins.....lb	...	: 4.00				Imported.....lb	2.25	: 2.50
Rose, 1 lb bot.....lb	...	: 4.00				Valerate, 5 lb bot.....lb	2.75	: 3.00
Sandalwood, E. Ind., USP, 75 lb						Anisic Aldehyde, 1 lb bot.....lb	3.90	: 3.25
cases.....lb	7.00	: 7.25				BENZALDEHYDE, USP, 40 lb chys.....lb	1.30	: 1.40
W. Indian (Amayris) 25 lb tins.....lb	2.25	: 2.40				FFC, 40 lb chys.....lb	1.40	: 1.50
Sassafras, USP, 50 lb cans.....lb	.90	: 1.00				Imported, USP.....lb	1.90	: 2.10
Artificial, 1000 lb drs. 50 lb cans.....lb	.27	: .29				Benzole Ether, See Ethyl Benzoate		
Savin, 50 lb tins.....lb	2.15	: 2.25				Benzophenone 1 lb bot.....lb	4.50	: 5.00
Spearment, USP, 60 lb cases.....lb	.82 1/2	: .85				Benzyl Acetate, 100 lb chys.....lb	1.40	: 1.50
Spruce, 50 lb tins.....lb	3.15	: 3.25				Alcohol, 5 lb bot.....lb	1.45	: 1.50
Fansy, Amer., 20 lb tins.....lb	.35	: .37				BENZOATE 5 lb bot.....lb	1.60	: 1.75
Tar, 50 gal bbls.....gal	.80	: .90				Medicinal FFC.....lb	1.75	: 2.00
Redwood, USP 25 lb tins.....lb	.95	: 1.00				Butyrate, C.P., 1 lb bot.....lb	6.00	: 6.50
Fyme, red, USP, 25 lb tins.....lb	.65	: .70				Cinnamate, 1 lb bot.....lb	10.00	: 11.00
White, USP, 25 lb tins.....lb	...	: 4.00				Formate, 1 lb bot.....lb	3.25	: 3.50
Tech., 110 lb drums.....lb	...	: 4.00						

Aromatic Chemicals

NATURAL DERIVATIVES

Anethol, 2 lb bot.....lb	1.10	: 1.25
Coriander, 1 lb bot.....lb	3.50	: 4.00
CITRAL, 250 cans.....lb	2.75	: 3.00
Citronella 1 lb bot.....lb	2.50	: 3.00
EUCALYPTOL, USP, 50 lb cans.....lb	.90	: .95
Geraniol, USP, 25 lb cans.....lb	3.10	: 3.25
Geraniol, Domestic, 50 lb cans.....lb	3.00	: 3.50
Imported, 5 lb bot.....lb	3.25	: 3.75
Iso-Eugenol, 1 lb bot.....lb	4.00	: 4.50
Imported.....lb	4.50	: 5.00

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Aromatic Chemicals

Amyl Propionate, 1 lb bot.....D	5.00	: 5.25	Iso-Safrol, 1 lb bot. imp.....D	4.00	: 4.50	Terpinyl Acetate, 25 lb cans.....D	1.65	: 1.85
Amyl Acetate, 1 lb bot.....D	3.75	: 4.00	Domestic, 5 lb bot.....D	4.00	: 4.25	Imported, 25 lb cans.....D	1.90	: 2.20
Amystrol, 25 lb cans.....D	3.50	: 4.00	Linyl Acetate, 1 lb bot.....D	7.50	: 8.50	TERPENE, CP, 1000 lb drs....D	.35	: .37
Amyl Anthradilate, 1 lb bot. dom.D	.....	: 18.00	Benzoate, 1 lb bot.....D	13.00	: 14.00	Cans, 50 lb.....D	.39	: .41
Asaric Ether, See Ethyl Butyrate			Formate, 5 lb bot.....D	10.50	: 12.00	Absolute, 25 lb cans.....D	.50	: .70
Cinnamic Acid, 5 lb cans.....D	3.25	: 3.50	Methyl Acetophenone.....D	3.50	: 3.75	Imported, 25 lb cans.....D	.40	: .42
Alcohol, liquid 1 lb bot.....D	9.00	: 9.50	ANTHRANILATE dom., 1 lb bot.D	2.50	: 3.25	VANILLIN, USP, 500 oz. cans..D	...	: .49 1/2
Crystallizable.....D	9.50	: 10.00	Imported.....D	2.75	: 3.75	Cans, 16 oz., 80 oz.....D	.50	: .51
Aldehyde.....D	3.50	: 3.75	Benzoate, 5 lb bot. import..D	2.00	: 2.25	Second Hands.....D	.47	: .50
CITRONELLUL, 1 lb bot.....D	7.50	: 9.00	Domestic, 5 lb bot.....D	1.75	: 2.00	Valerianic Ether, See Ethyl Valerate		
Imported, 1 lb bot.....D	8.00	: 10.00	Cinnamate, 1 lb bot.....D	3.50	: 3.75	Yara Yara, 1 lb cans.....D	1.50	: 1.60
Citronellul Acetate, 1 lb bot.....D	13.00	: 14.00	Heptenone, 1 lb bot.....D	8.00	: 8.25	PERFUMERS' SUNDRIES		
COUMARIN, 25 lb cans.....D	3.25	: 3.45	Paracresol, 1 lb bot.....D	8.00	: 9.00	Almond Meal, 25 lb cans.....D	.24	: .38
DIETHYL PHTHALATE, 25 lb cans.D	.35	: .38	Phenylacetate, 5 lb bot. dom..D	3.75	: 4.00	Amber, liquid, 400 lb drs.....D	2.20	: 2.30
500 lb cans.....D	.80	: .83	SALICYLATE, USP 500 lb			Ambergis, black, bxs.....D	8.00	: 10.00
Diphenylglyoxal, 25 lb tins.....D	.85	: .90	50 lb drums.....D	...	: .48	Ambergis, gray, bxs.....D	...	: 28.00
Ethyl Acetate, pure, 5 lb bot.....D	.45	: .50	Second Hands.....D	.44	: .45	Balsam Copaiba, Para, 80 lb cases.D	.54	: .55
Benzoate, 5 lb bot.....D	1.75	: 1.90	Mirbane, rect., 1000 lb drums..D	.12	: .14	South American, 80 lb cases..D	.58	: .60
Butyrate, 5 lb bot.....D	1.90	: 2.10	Musk Ambrette, 1 lb cans.....D	10.00	: 10.50	Peru, 120 lb cases.....D	1.90	: 2.00
Caproate, 1 lb bot.....D	3.25	: 3.50	Ketone, 1 lb cans.....D	11.50	: 12.00	Tolu, 90 lb cases.....D	1.40	: 1.50
Cinnamate, 1 lb bot.....D	3.50	: 3.75	Xylene, 5 lb cans.....D	3.25	: 3.50	Benzoin Gum, Siam, bxs.....D	1.30	: 1.35
Formate, 5 lb bot.....D	.90	: 1.25	Nerolin, 1 lb cans.....D	1.50	: 1.60	Casterum, 1 lb bot.....D	4.50	: 5.00
Ethyl-methyl Paracresol, 1 lb bot.D	3.25	: 3.50	Oenanthe Ether, 1 lb bot.....D	1.75	: 2.00	Chalk, precip. light, 175 lb bbls.D	.04 1/2	: .05
Ethyl Phenylacetate, 5 lb bot.....D	3.75	: 4.00	Para-Cymene, Refd., 110 gal. drs.gal	2.25	: 2.50	Cherry Laurel Water, 5 gal cans.gal	1.15	: 1.25
Propionate, 1 lb bot.....D	1.75	: 2.00	Phenylacetaldehyde, Dom.,			Civet Abyssin, horns.....D	2.25	: 2.50
Valerate, 5 lb bot.....D	...	: 3.75	1 lb bot. 50 p.e.....D	8.00	: 8.50	Labdaum, 5 lb bot.....D	...	: 8.00
Galleylate, 5 lb bot.....D	2.00	: 2.10	Imported, 50 p.e.....D	7.00	: 7.50	Lanolin hydrous, 350 lb bbls....D	.15	: .21
Formic Ether. See Ethyl Formate			80-85 p.e.....D	14.00	: 16.00	Anhydrous, 350 lb bbls....D	.18	: .23
Geranyl Acetate, 1 lb bot.....D	4.75	: 5.00	Phenylacetic Acid, 1 lb bot.....D	3.00	: 3.25	Musk pods, Cabardine, tins.....D	16.00	: 17.00
Butyrate, 1 lb bot.....D	13.00	: 13.50	Phenyl Diacetate, 1 oz. bot.....D	3.25	: 3.50	Tonquin, tins.....D	22.00	: 25.00
Formate, 1 lb bot.....D	12.00	: 12.50	1 lb bot.....D	8.00	: 10.00	Grains, Cabardine, tins.....D	25.00	: 26.00
Hellotropin, dom., 100-10 lbs..D	1.85	: 2.00	Imported.....D	7.00	: 7.75	Tonquin, tins.....D	34.00	: 35.00
Imported.....D	2.10	: 2.40	Phenylethyl Alcohol, 1 lb bot...D	6.00	: 7.00	Synthetic, See Aromatic Chemicals		
Hydroxycitronellal, 1 lb bot.....D	12.00	: 14.00	Phenylethyl Butyrate, 1 lb bot...D	26.00	: 28.00	Orris Rt, Flor., powd bbls....D	.12	: .13
Indol, CP, 1 oz. bot.....D	6.00	: 6.50	Formate, 1 lb bot.....D	19.00	: 21.00	Verona, powd bbls....D	.10	: .11
Ionene, 1 lb bot. 100%.....D	10.00	: 11.00	Propionate, 1 lb bot.....D	20.00	: 24.00	Petrolatum, snow white 350 lb bbls.D	.13 1/2	: .14
Alpha.....D	14.50	: 16.00	Valerate, 1 lb bot.....D	25.00	: 29.00	Light Amber, 350 lb bbls....D	.04 1/2	: .05 1/2
Beta.....D	12.75	: 14.50	Phenylpropylalcohol, 1 lb bot...D	15.00	: 16.00	Rice Starb., 140 lb bgs.....D	.09	: .10
Methyl.....D	16.00	: 18.00	Skatol, 1 oz. bot.....D	7.00	: 7.25	Rose Water, 6 2-3 gal chys....gal	1.00	: 1.25
Iso-Butyl Benzoate, 5 lb bot.....D	4.75	: 5.00			Sandalwood chips, powd., bags..D	.30	: .35	



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ARGON GAS—10 cylinders, S. Mendel, Rotterdam
ARSENIC—100 drs., White Tar Co., Hamburg; 190 cks., A. Klipstein & Co., Hamburg; 20 cks., L. H. Butcher & Co., London; 267 brls., Amer Smelting & Ref Co., Tampico; Meal, 100 drs., A. Klipstein & Co., Hamburg; Metallic, 30 drs., Pfaltz & Bauer, Hamburg
BALSAM—30 cs., Fritzsche Bros., Hamburg; 42 cs., Order, Manaoas; Copaliba, 84 cs., C. V. Sparhawk Corp., Para; 112 ls., Bank of N. Y. & Trust Co., Para; 202 cs., Nat City Bank, Para
BARIUM—Chloride, 174 cks., Th Goldschmidt Corp., Rotterdam; Superoxide, 137 kegs, W. A. Brown & Co., Rotterdam
BARIUM—Hydrate, 41 brls., Brown Bros. & Co., Hamburg
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Rotterdam; 60 bls., Order, London; **FRANGOLA ROOT**, 10 bgs., W. Benkert & Co., Trieste; **Soap**, 40 bgs., Order, Hamburg
BARYTES—9 cks., A. Hurst & Co., Hamburg; 86 cks., Toch Bros., Inc., London; 500,000 kilos, Ore & Chem Co., Rotterdam; 105 cks., Toch Bros., London
BENZALDEHYDE—2 cs., Order, Hamburg
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BONE ASH—15 brls., C. B. Chrystal, Liverpool
BUTYL ACETATE—1 ck., Kuttroff Pickhardt Co., Rotterdam
CALCIUM CHLORIDE—75 drs., Order, Hamburg; **Metallic**, 10 cs., Gallagher & Ascher, Havre
CAMPHOR—100 cs., Order, Shanghai; 200 cs., Equit Trust Co., Hamburg; 110 cs., Equit Trust Co., Hamburg
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CHEMICALS—100 cks., H. Hinrichs Chemical Corp., Rotterdam; 145 brls., Roessler & Haaslebecher, Rotterdam; 250 bgs., 12 cks., P. Uhlich & Co., Rotterdam; 300 brls., W. Van Doorn Co., Rotterdam; 6 cks., Order, Rotterdam; 28 cks., Frazer & Co., Glasgow; 328 bgs., Brown Bros. & Co., Glasgow; 2 cs., Riedel & Co., Hamburg; 15 cks., A.

J. Marcus, Inc., Hamburg; 1 cse., Order, Hamburg; 25 brls., Roessler & Haaslebecher, Hamburg; 33 brls., Whittaker Clarke & Daniels, Hamburg; 7 cs., Eimer & Amend, Hamburg; 10 cs., Stanley Jordan Co., Hamburg; 1 cse., E. Blank & Son, Hamburg; 9 cs., Lo Curto & Funk, Hamburg; 2 cs., 5 brls., Pfaltz & Bauer, Hamburg; 55 brls., Roessler & Haaslebecher, Hamburg; 150 brls., A. Klipstein & Co., Bremen; 227 cks., Order, Rotterdam; 227 drs., Kidder Peabody, Rotterdam; 138 cks., Roessler & Haaslebecher, Rotterdam
CHEMICAL COMPOUNDS—5 cs., Lo Curto & Funk, Hamburg; 5 cks., Order, Hamburg; **Products**, 12 cks., P. Uhlich & Co., Rotterdam; 6 cks., Grasselli Dyestuff Corp., Rotterdam; 26 brls., 15 cs., Eimer & Amend, Hamburg; 6 cs., G. Gennert, Inc., Hamburg; 442 cans, Anglo So Amer Co., Havre; 50 cs., State Fwdg & Shpg Co., Havre; 442 cans, Anglo So Amer Trust Co., Havre
CHLOROFORM—1 cse., Burroughs Wellcome & Co., London
CLAY—China, 25 cks., C. T. Wilson & Co., Liverpool; 60 cks., Mennen Co., London; 25 cks., C. T. Wilson, Bristol; 440 bgs., Order, Trieste
COAL TAR—Distillate, 57 drs., Monsanto Chem. Works, Liverpool; 150 drs., Order, Liverpool; **Preparations**, 3 cs., 4 cks., Franklin Imp. Exp. Co., Hamburg
COLORS—21 cs., Chem Nat Bank, Genoa; 1 cse., 34 cks., Kuttroff Pickhardt Co., Rotterdam; 2 cks., H. A. Metz & Co., Rotterdam; 3 cks., Color Service Corp., Rotterdam; 44 cks., Grasselli Dyestuff Corp., Rotterdam; 5 brls., Order, Rotterdam; 1 cse., Schneider & Co., Antwerp; 2 drs., Victor & Hosken, Antwerp; 1 brl., Chem Nat Bank, Antwerp; 1 brl., 8 cks., Irving Bank, Antwerp; 2 cs., 6 cks., A. Hurst & Co.,

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- FLUORSPAR**—2 lots, C. Hardy Inc., Bremen
- FULLEKS EARTH**—500 bgs., L. A. Salomon Bro., Bristol
- GAMBIER**—850 cs., 160 bgs., Order, Singapore
- GELATINE**—36 brls., H. A. Sinclair, Rotterdam; 50 cs., W. E. Miller, Havre
- GLUE**—87 brls., 89 cs., British Bank S. A., Antwerp; 17 brls., Order, Antwerp; 500 bgs., G. H. Hommel, London; 60 brls., Nat Gum & Mica Co., Havre
- GLYCERINE**—101 drs., Brazilian Merc. Co., Rio de Janeiro; 48 cs., Marx & Rawolle, Marseilles
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- HERBS**—23 brls., Peek & Velsor, Trieste; 26 bgs., Peek & Velsor, Hamburg; 10 bgs., S. B. Penick & Co., Hamburg; 8 bgs., Peek & Velsor, Hamburg; 12 brls., Order, Trieste
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- JUICE**—Lemon, 50 brls., C. Pizer & Co., Palermo; 35 cs., Order, Messina; 70 brls., C. Pizer & Co., Messina; 96 brls., Order, Palermo; Licorice, 20 cs., Order, Catania; Lime, 37 cs., Park Benziger & Co., St. Lucia; 2 cs., Perry Ryer & Co., Dominica; 10 cs., Gillespie & Co., Dominica; 4 cs., 1 brl., A. D. Strauss & Co., Dominica; 44 cs., Order, Demarara; Orange, 35 cs., Order, Messina
- LANOLINE ANHYDROUS**—20 cs., L. A. Salomon & Bro., Havre
- LEAD ARSENATE**—1 cse., F. Materna, Hamburg
- LEAVES**—Patchouli, 61 brls., Order, Teluk Anson; 5 brls., Order, Singapore; Sage, 92 brls., A. Joensson Co., Trieste; 112 brls., Order, Trieste; 80 brls., A. Joensson Co., Trieste
- LIME**—Chlorinated—50 cs., H. Kohnstamm & Co., Liverpool; Citrate, 174 cs., C. Pizer & Co., Messina; Tartrate, 500 bgs., Order, Patras
- LODUNGSMITTEL**—1 ck., Kuttroff Pickhardt Co., Rotterdam
- MAGNESIA**—Calcined, 9 cs., F. Stearns & Co., Liverpool; 112 cs., Order, Liverpool
- MAGNESITE**—Tar, 55 bgs., Alumino Thermic Corp., Trieste
- MAGNESIUM CHLORIDE**—184 drs., Mrs Trust Co., Hamburg; 174 drs., Innis Speiden & Co., Hamburg; 5 drs., Order, Hamburg; 211 drs., Order, Hamburg
- MEDICINALS**—14 cs., Burroughs Wellcome & Co., London
- MENTHOL**—10 cs., Bank of Manhattan Co., London
- MERCURY**—10 flasks, McKesson & Robbins, Vera Cruz; 1 cse., Order, Rotterdam
- METHYL ALCOHOL**—210 cs., Kuttroff Pickhardt & Co., Rotterdam
- NAPHTHALENE**—185 cs., Chemical Depot Inc., Hamburg; 165 bgs., W. Neuburg, Hamburg
- NAPHTHOL**—2 cs., Grasselli Dyestuff Corp., Rotterdam
- NICKEL**—1,200 bgs., Amer. Nickel Co., Bristol; Sulfate, 35 cs., Amer. Nickel Co., Bristol
- OCHE**—141 cs., A. Northridge, Marseilles; 60 cs., Scott L. Libby, Marseilles; 100 cs., J. L. Smith Co., Marseilles; 108 cs., Reichard Coulston, Marseilles
- OILS**—Coconut, 698 tons, Philippine Ref. Co., Cebu; Codliver, 100 brls., W. Benkert, Rotterdam; 100 brls., Eli Lilly & Co., Oslo; 50 brls., Ketchum & Co., Bergen; 25 brls., W. Benkert, Bergen; 205 brls., Scott & Bowne, Bergen; 170 brls., 20 cs., Order, Bergen; 100 brls., Burroughs Wellcome Co., Aalesund; 50 brls., H. J. Baker & Bro., Aalesund; 425 brl., Order, Aalesund; Cod, 30 cs., R. Badcock, St. Johns; Olive, 100 cs., H. Acanfora & Co., Genoa; 100 cs., B. Bondie, Genoa; 100 cs., A. Germano & Son, Genoa; 250 cs., B. Dorman, Genoa; 300 cs., G. W. Sheldon & Co., Genoa; 300 cs., Oceano Shpg Co., Genoa; 100 brls., Great Atlantic & Pac Tea Co., Genoa; 450 cs., H. Scaramelli, Inc., Genoa; 100 cs., G. Montaperto, Genoa; 180 cs., P. Pastene & Co., Genoa; 130 cs., Von Bremen Asche & Co., Genoa; 125 cs., A. Violi, Genoa; 250 cs., T. Pipitone, Genoa; 220 cs., Order, Genoa; 280 cs., Fratelli Alessio & Co., Genoa; 100 cs., J. Solari & Co., Genoa; 100 brls., Webster & Atlas Nat Bank, Bari; 210 brls., 190 cs., Order, Piraeus; 1,000 cs., F. Romeo & Co., Leghorn; 650 cs., Order, Genoa; 50 cs., Ital Discount & Trust Co., Genoa; Olive Oil Foots, 100 brls., Ellis Jackson & Co., Patras; 100 brls., J. B. Dewnap & Co., Patras; 200 brls., Order, Piraeus; 200 brls., E. M. Sergeant Co., Catania; Rapeseed, 60 brls., Elbert & Co., Rotterdam; 49 brls., Order, Liverpool; Seal, 259 tons, 2 hds., 50 brls., R. Badcock & Co., St. Johns; Sulfur, 100 brls., W. R. Grace & Co., Bari; 2 brls., P. Faraoe & Co., Bari; 200 brls., Order, Bari; 600 brls., Order, Patras; 100 brls., Brown Bros., Naples; 200 brls., Webster & Atlas, Catania; Wood, 3 drs., Order, Hong Kong; 29 brls., Order, Trieste
- OILS ESSENTIAL**—12 cs., S. Citarella, Naples; 1 cse., A. Buonomo, Naples; 9 cs., Polak's Fruit Works, Rotterdam; 15 cs., Wangler Budd Co., Rotterdam; 2 cs., General Motors Export Co., Antwerp; 50 cs., W. J. Bush Co., Messina; 151 cs., Order, Messina; 4 cs., Order, London; 1 cse., G. Lueders & Co., Hamburg; 2 drs., Chem.
- Nat. Bank, Hamburg; 5 cs., J. A. McNulty, Havre; 8 cs., W. J. Bush Co., London; 15 drs., Order, Marseilles; 6 cs., Roure Bertrand Fils, Havre; 50 cs., W. J. Bush Co., Messina; Almond, 3 cs., Order, London; Anise, 10 drs., Order, Hongkong; 10 drs., Equit Trust Co., Hongkong; 10 drs., Order, Hongkong; Bay, 2 cs., R. Moelhaussen, St. Lucia; 9 cs., Magnus Mabee & Reynard, Dominica; 5 cs., Gillespie & Co., Dominica; 1 cse., A. D. Strauss & Co., Dominica; 10 cs., Order, Dominica; Bergamot, 48 cs., Justin DuPont Inc., Messina; 40 cs., Order, Messina; Camphor, 1 drum, Lo Curto & Funk, London; Cassia, 15 drs., Guaranty Trust Co., Hongkong; 3 drs., Order, Hongkong; 5 drs., Brown Bros. & Co., Hongkong; Geranium, 21 cs., Davies Turner & Co., Marseilles; Lemon, 20 cs., Justin DuPont Inc., Messina; 200 cs., G. Lueders & Co., Messina; Lime, 1 cse., Park Benziger & Co., St. Lucia; Orange, 20 cs., Gillespie & Co., Port Antonio; 50 cs., G. Lueders & Co., Messina; Sandalwood, 3 cs., G. Lueders & Co., Hamburg
- ORANGE PEEL**—20 brls., Orbis Products Trdg Co., Marseilles; 10 brls., Order, Catania
- OZOKERITE**—63 bgs., Order, Trieste
- PHARMACEUTICAL PRODUCTS**—2 cs., Winthrop Chem Co., Rotterdam; 20 cs., Fwdg & Shpg Co., Havre; 2 cs., Order, Havre
- PITCH**—Burgundy—250 stands, S. B. Penick & Co., Hamburg
- POTASSIUM SALTS**—46 cs., A. Klipstein & Co., Hamburg; Alum, 250 cs., Monmouth Chem Co., Hamburg; Bichromate, 2 brls., Eimer & Amend, Hamburg; Bromate, 2 cs., Order, Hamburg; Carbonate, 84 cs., Roessler & Hasslacher, Hamburg; 40 cs., Parsons & Petit, Bremen; Caustic, 50 cs., Mallinckrodt Chem. Works, Hamburg; 105 drs., T. Goldschmidt, Hamburg; 80 drs., Roessler & Hasslacher Chem Co., Hamburg; 21 drs., A. Klipstein & Co., Hamburg; Chlorate, 2,400 cs., Uniform Chem Prod. Co., Hamburg; Chloride, 2,000 cs., Uniform Chem Products Co., Hamburg; Cyanide, 68 cs., Roessler & Hasslacher Chem Co., Hamburg; Murate, 5,000 bgs., Potash Imptg Corp., Bremerhaven; Nitrate, 508 cs., Kuttroff Pickhardt Co., Rotterdam; 508 cs., Kuttroff Pickhardt Co., Hamburg; Perchlorate, 150 brls., C. Hardy, Inc., Havre; Permanganate, 2 brls., Eimer & Amend, Hamburg; 400 drs., Roessler & Hasslacher, Hamburg; Prussiate, 16 cs., Order, Rotterdam; 40 cs., A. Klipstein & Co., Hamburg; Sulfate, 256 bgs., Potash Imptg Corp. of America, Hamburg; 10 brls., Eimer & Amend, Hamburg; 5,250 bgs., Potash Imptg Co. of America, Bremerhaven; Titanium Oxalate, 10 cs., R. W. Greeff & Co., Rotterdam
- POTATO STARCH**—375 bgs., Stein Hall & Co., Rotterdam; 250 bgs., Order, Rotterdam; 750 bgs., Farmers Loan & Trust Co., Copenhagen
- PYROXILIN**—1 cse., Amer. Exch Nat Bank, Hamburg
- PYRIDINE**—6 drs., Order, Hamburg
- QUININE**—1 cse., De Mattia Chem Co., Genoa
- ROOTS**—10 brls., W. Benkert Co., Hamburg; 7 bgs., R. Hilliers Sons Co., Hamburg; Angelica, 2 brls., Order, Trieste; 3 brls., 1 bag, S. B. Penick & Co., Hamburg; Arrow, 20 cs., J. P. Smith & Co., London; Belladonna, 16 brls., McLaughlin Gormley & King, Hamburg; Broom, 32 pgs., H. Trieste, Vera Cruz; Canagria, 16 bgs., Order, Vera Cruz; Musk, 2 brls., Order, Hamburg; Sarsaparilla, 9 brls., Yglesias & Co., Puerto Cortes
- ROSIN**—10 cs., Order, Trieste
- SAL AMMONIAC**—1 brl., E. V. Gent, Rotterdam
- SALT**—46,862 bushels, Kurstein & Co., Bonane
- SEAGRASS**—75 brls., Order, Hongkong
- SEEDS**—28 bgs., Peek & Velsor, Hamburg; 200 bgs., Order, Trieste; Anise, 25 cs., Order, Hongkong; Caraway, 100 bgs., J. D. Nordlinger, Rotterdam; 200 bgs., C. E. Armstrong, Rotterdam; 100bgs., Catz Amer. Co., Rotterdam; 100 bgs., Knickerbocker Mills Co., Rotterdam; 100 bgs., Jaburg Bros., Rotterdam; 250 bgs., Order, Rotterdam; Castor, 2,000 bgs., N Y Trust Co., Santos; 45 bgs., A. Behrens, Port Au Prince; 91 bgs., S. L. Brimley, Port Au Prince; 5,388 bgs., Baker Castor Oil Co., Pernambuco; Coriander, 333 cs., Order, Marseilles; Flax, 29,306 bgs., 4,807,406 kilos, Order, Rosario; 24,394 bgs., Order, Argentine; 1,674,993 kilos, Order, Argentine; Mustard, 500 cs., R. F. Downing & Co., London; 150 bgs., R. F. Downing & Co., Hamburg

DRUG & CHEMICAL MARKETS

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SHELLAC—36 cs., C. F. Gerlach, Rotterdam; 10 cs., Columbia Phonograph Co., London; **Sticklac**, 48 bgs., Amer Exch Nat Bank, Singapore; 184 bgs., Order, Marseilles

SILICON TETRACHLORIDE—2 cs., T. F. Wilmot & Co., London

SILVER SULPHIDE—167 cs., Watson Geach Co., Antofagasta

SODIUM SALTS—Acetate, 37 cks., A. Klipstein & Co., Antwerp; Carbonate, 10 cs., Burroughs Wellcome & Co., London; **Caustic Oxide**, 20 cs., Mallinckrodt Chem Works, Hamburg; **Fluorsulfate**, 100 brls., H. Sundheimer, Rotterdam; **Hydrosulfite**, 50 kgs., Order, Liverpool; **Hyposulfite**, 100 cks., A. H. Pickering, Marseilles; 259 cks., E. M. Sergeant, Marseilles; **Nitrate**, 6,949 bgs., Du Pont de Nemours Co., Iquique; 1,026 bbs., Guaranty Trust Co. Brevik; 2,823 bgs., Order, Brevik; 13,365 bgs., Wessel Duval Co., Antofagasta; 13,367 bgs., Wessel Duval Co., Iquique; **Phosphate**, 359 drs., C. S. Grant & Co., Hamburg; **Prussiate**, 16 cks., Order, Rotterdam

SOLACTOL—19 pgs., Intern Acceptance Bk., Hamburg

SOOT—50 cks., A. Hurst & Co., Rotterdam; 100 brls., Hummel & Robinson, Rotterdam

SPICES—40 brls., Wolf Sayer & Heller, Hamburg; **Bitters**, 1,050 cs., J. W. Wuppermann, Trinidad; **Cassia**, 450 cs., 200 brls., Brown Bros. & Co., Hongkong; 455 bbs., 2 cs., Order, Hongkong; 200 cs., Grace Nat Bank, Hongkong; **Cloves**, 400 bbs., Order, Rotterdam; **Ginger**, 12 cs., J. P. Smith & Co., Rotterdam; 50 cks., H. W. Peabody & Co., Hongkong; 12 bgs., J. E. Kerr & Co., Kingston; 100 bgs., Gillespie Bros. & Co., Kingston; **Mace**, 6 brls., 1 ck., Knickerbocker Mills, Grenada; 1 brl., Park Benziger & Co., St. Lucia; 16 brls., Irwin Harrison & Whitney, Grenada; 9 cs., 1 brl., T. Scott & Co., Grenada; **Nutmegs**, 1 brl., 2 bxs Park Benziger & Co., St. Lucia; 73 bgs., Middleton & Co., Grenada; 20 bgs., Knickerbocker Mills, Grenada; **Pepper**, 621 bgs., Order, Singapore; **Pimento**, 100 bgs., Colonial Bank, Port Antonio

SPONGES—51 bbs., J. H. Rhodes & Co., Havana; 5 cs., Globe Shpg Co., London; 43 bbs., Amer Sponge & Chamois Co., Havana; 23 bbs., J. Niehaus & Co., Havana; 106 bbs., Lasker & Bernstein, Havana; **Clippings**, 38 bbs., Lasker & Bernstein, Havana; **Refuse**, 8 bbs., Amer Sponge & Chamois Co., Havana

STRYCHNINE SULFATE—1 cse., T. S. Todd & Co., Glasgow

SULFUR—720 bgs., Order, Catania

SUMAC—700 bgs., Order, Palermo

TALC—200 bgs., L. A. Salomon & Bro. Genoa; 300 bgs., C. Mathieu, Leghorn; 500 bgs., Ital Discount & Trust Co., Leghorn

TARTAR—615 bgs., Royal Baking Powder Co., Marseilles; 1,220 bgs., C. Pfizer & Co., Marseilles; 192 bgs., C. Pfizer & Co., Leghorn; **Cream**, 100 brls., Superfos Co., Leghorn

TITANIUM OXIDE—2 cs., Barnett Leather Co., London

TURMERIC—160 bgs., Order, Bombay

UMBER—Terra, 296 cks., Order, Hamburg

VANILLA BEANS—40 cs., Thurston & Braidich, Vera Cruz

VIROL—23 cs., G. C. Cook & Co., London

WAX—31 bgs., Nat Bank of Commerce, Alexandria; **Bees**, 10 bbs., Guaranty Trust Co., Cuban Ports; 21 cks., T. Norton & Co., Santos; 60 bgs., Nat City Bank Rio de Janeiro; 181 bgs., Amer Trdg Co., Rio de Janeiro; 30 bgs., Storrs Mica Co., Rio de Janeiro; 48 bgs., Kline & Co., Rio de Janeiro; 30 bgs., Order, Havana; 40 cs., Orbis Prod. Trdg Co., Havre; 16 cks., Nat City Bank, Valparaiso; **Carauaba**, 63 bgs., Kline & Co., Hamburg; **Paraffin**, 480 bgs., Order, Liverpool; **Vegetable**, 10 bgs., A. Hurst & Co., London

WHITING—2,600 bgs., Hammill & Gillespie, Havre; 400 bgs., C. B. Chrystal, Havre

WOODFLOUR—400 bgs., A. Kramer & Co., Rotterdam; 500 bgs., State Chem. Co., Rotterdam; 1,275 bgs., B. L. Soberski, Oslo; 50 brls., W. Fischer, Oslo; 10 brls., Order, Oslo; 400 bgs., Corn Exch Bank, Stavanger; 50 bgs., Order, Hamburg; 753 bgs., Bakelite Corp., Rotterdam; 170 bgs., E. S. Sergeant, Co., Gothenburg

WOOL GREASE—100 brls., Amer Exch Nat Bank, Bremen; 110 brls., Pfaltz & Bauer, Bremen

ZINC AMMONIUM—56 cks., T. Goldschmidt, Rotterdam; **Chloride**, 39 cks., T. Gold-

schmidt, Rotterdam; **Oxide**, 40 brls., Philipp Bros., Antwerp; 30 cs., Schiefelin & Co., London; **Sulfate**, 2 brls., Eimer & Amend, Hamburg

IMPORTS AT PHILADELPHIA

June 17 to 24

ACID—Cresylic, 10 drms., Order, Glasgow

ALUMINUM SULFATE—225 bgs., Order, Rotterdam

AMMONIUM CHLORIDE—21 cks., J. Munroe & Co., Rotterdam; 4 cks., Harshaw, Fuller & Goodwin Co., Bristol

BAUXITE—531,700 kilos, Bank of America, Rotterdam

BARYTES—356,460 kilos, Mechanics & Merchants Nat Bank, Rotterdam

CASEIN—584 bgs., National City Bank, Buenos Aires

CASSIA—100 bbs., Baltimore Tr. Co., Hongkong; 100 cs., Baltimore Tr. Co., Hongkong; 170 bbs., Alexander Brown & Sons, Hongkong; 25 cs., Alexander Brown & Sons, Hongkong; 20 cs., Alexander Brown & Sons, Hongkong

CHEMICALS—30 balloons, Roessler & Harshaw Chem Co., Rotterdam; 500 bgs., Harshaw, Fuller & Goodwin Co., Rotterdam

CHINA CLAY—1,424,600 lbs., Various Consignees, Fowey; 60 cks., Order, Rotterdam; 100 tons, J. W. Hampton Jr. & Co., Bristol; 334 tons, Moore & Munger, Bristol

CUTCH—200 bbs., Order, Calcutta

ETHER—9 demijohns, Order, Havre

FLUOR SPAR—250,250 kilos, Order, Genoa

GLYCERINE—50 cysls., Order, Rotterdam; 134 drms., Order, Buenos Aires; 210 drms., Hercules Powder Co., Rotterdam; 110 cks., Order, Marseilles; 49 cks., Order, Barcelona; 48 drms., Order, Barcelona; 16 cks., J. W. Hampton Jr. & Co., Havre; 10 cks., Order, Havre

GUM—Damar, 64 bgs., L. C. Gillespie & Sons, Singapore

IRON OXIDE—20 cks., Jos. A. McNulty, Manchester; 82 bbs., Stanley Doggett & Co., Malaga

MOLASSES—295,000 gal., N. A. Trad & Imp. Co., San Pedro de Macoris; 285,000 gal., N. A. Trad & Imp. Co., Havana

OIL—Olive, 350 cs., Order, Genoa; 24 cs., Hudson Forwarding Co., Naples; 605 cs., Order, Leghorn; **Olive Foots**, 50 bbs., Phila Nat. Bank, Leghorn; **Palm**, 23 cks., Fourth St. Nat Bank, Liverpool

POTASH—Crude, 2 cs., A. Klipstein & Co., Dunkirk; **Manure Salt**, 907,200 kilos, Societe Commerciale des Potasses d'Alsace, Antwerp; **Muriate**, 2,000 bgs., Societe Commerciale des Potasses d'Alsace, Antwerp; **Sylvanite**, 453,600 kilos, Societe Commerciale des Potasses d'Alsace, Antwerp

PULP—Chemical, 670 bbs., Order, Sundsvall; **Sulfate**, 650 bbs., Scand Pulp Agy., Sundsvall; 1,500 bbs., Order, Katka; **Sulfite**, 2,438 bbs., Order, Kopmanholm; 1,800 bbs., Mech & Metals Nat Bank, Sundsvall; 1,200 bbs., Price & Pierce, Sundsvall; 250 bbs., Scand. Pulp Agy., Sundsvall; 900 bbs., Order, Sundsvall; 1,830 bbs., Order, Katka

PYRITES—7,583 tons, The Pyrites Co., Huelva

QUEBRACHO EXTRACT—1,000 bgs., Winthrop, Beckman, Buenos Aires

SEEDS—Canary, 157 bgs., Order, Buenos Aires; **Clover**, 50 bgs., Order, Havre; **Mustard**, 184 bgs., Mechanics & Merchants Nat. Bank, Shanghai

SHELLAC—687 bgs., Order, Calcutta; **Button**, 22 cs., Order, Calcutta

SODIUM—Nitrate, 97,434 bgs., E. I. DuPont de Nemours & Co., Taltal; **Sulfate**, 47 cks., Am Dencil Co., Liverpool; **Sulfide**, 155 drms., O. G. Hempstead & Son, Rotterdam

WHITING—1,100 bgs., Fr. Am. Banking Corp., Dunkirk

IMPORTS OF BALTIMORE

June 18 to 25

AMMONIUM CHLORIDE, 8 casks, Adolf Hurst & Co., Inc., Cardiff

BARYTES—1,089,000 lbs., William H. Mueller & Co., Rotterdam

CARAWAY SEED—150 bags, 16,500 lbs., Catz-American Co., Inc., Rotterdam

CHALK—Washed, 500 bags, 50,000 lbs., Globe Whiting Co., Antwerp

PITCH—50 bbls., 23,331 lbs., Wm. H. Masson, Hull

POTASH—Kainit, 403,513 lbs., F. H. Shallus Co., Bremen; 303,683 lbs., Potash Importing Corp., Bremen

MANURE SALT—549,870 lbs., Potash Importing Corp., Hamburg; 196,000 lbs., F. H. Shallus Co., Bremen; 3,506,954 lbs., F. H. Shallus Co., Hamlurg; 1,005,017 lbs., Potash Importing Corp., Bremen; 404,507 lbs., F. H. Shallus Co., Bremen; **Muriate**, 500 bags, 100 474 lbs., Potash Importing Corp., Hamburg; 6,900 bags, 1,886,241 lbs., F. H. Shallus Co., Hamburg; 2,500 bags, 703,373 lbs., Potash Importing Corp., Hamburg; 1,500 bags, 301,422 lbs., F. H. Shallus Co., Hamburg; 500 bags, Potash Importing Corp., Bremen

WOOL GREASE—70 casks, 14,391 lbs., Peabody-Kidder Acceptance Corp., Antwerp; 100 bbls., 20,690 lbs., Samuel Shapiro, Hamburg; 200 bbls., F. H. Shallus Co., Bremen

IMPORTS OF BOSTON

June 20 to 27

AMMONIUM—Sulfocyanate, 10 casks, Order, Hamburg; **Muriate**, 1,500 bags, Order, Hamburg

BARYTES—304 bags, Order, Hamburg

CASEIN—417 bags, Brown Bros., Buenos Aires

CREAM OF TARTAR—2 bbls., C. N. R. R. Leghorn

CHALK—1,220 bags, Order, Hamburg

CHEMICALS—33 casks, Stone & Downer, Hamburg; 500 bags, Brewer & Co., Hamburg

CHROMIUM—Fluoride, 5 bbls., Pfaltz & Bauer, Hamburg; **Alum**, 22 bbls., Innis Speiden Co., Hamburg

EXTRACT—Quebracho, 1,946 bags, Am. Exp. Co., Buenos Aires

EPSOM SALTS—100 bbls., Order, Hamburg

FLUOR SPAR—204,850 kilos, Order, Hamburg

GLAUBER SALTS—87 casks, First Nat. Bk., Hamburg; 200 bags, Exchang Nat. Bank, Hamburg; 750 bags, R. & H. Chemical Co., Hamburg

GLUE—40 bags, Am. Express Co., Liverpool

GUM—Kordofan, 50 bbs., First Nat Bank, Calcutta; 50 bags, Order, Calcutta; **Arabic**, 150 bags, Order, Port Sudan

LITHOPONE—100 casks, A. Klipstein & Co., Hamburg; 110 casks, Brown & Rolse, Rotterdam

MAGNESITE—114 bbls., Innis Speiden Co., Rotterdam

OIL—Palm, 150 casks, Eastern Trading Co., Hamburg; **Cod Liver**, 100 bbls., Carleton & Hovey, Rotterdam; 25 bbls., Am. Express Co., Rotterdam; 10 bbls., Eastern Drug Co., Rotterdam; 100 bbls., Carleton & Hovey, Stavanger; 10 bbls., M. F. Foley & Co., Stavanger; 10 bbls., B. S. Snow & Co., Stavanger; 75 bbls., United Drug Co., Oslo

POTASH—Muriate, 1,500 bags, Soc. des Potasses d'Alsace, Hamburg; **Caustic**, 37 drums, Innis Speiden Co., Hamburg; 249 drums, Am. Exch. Nat. Bank, Hamburg; 50 drums, Order, Hamburg; **Carbonate**, 34 casks, Order, Hamburg; **Chlorate**, 800 cks., Seaboard Nat. Bank, Hamburg

POTATO STARCH—500 bags, Stein Hall, Rotterdam

SHELLAC—50 bags, Baring Bros., Calcutta; 50 bags, Order, Calcutta; 10 bags, Order, Calcutta; **Button**, 75 bags, Phila. Nat. Bk., Calcutta

SULFATE PULP—6,000 bales, Paget Horton & Co., Scand. Ports; 1,500 bales, Nat. City Bank, Scand. Ports; 475 bales, Borregaard Co., Scand. Ports; 7,062 bales, Janderson & Co., Scand. Ports; 2,250 bales, Paget Horton & Co., Scand. Ports

SULPHATE PULP—6,000 bales, Paget Horton & Co., Scand. Ports

SAL AMMONIAC—42 casks, Mechanics Nat. Bank, Hamburg

SODIUM—Nitrate, 196 casks, C. H. Powell & Co., Hamburg

STICKLAC—75 cases, E. S. Parks Shellac Co., Shanghai; 466 bags, Phil. Nat. Bank, Calcutta; 200 bags, Phil. Nat. Bank, Calcutta; 180 chests, Phil. Nat. Bank, Calcutta

TALC—250 bags, Nat. City Bank, Leghorn

ZINC—Ammonium, 23 cs., Brown Bros., Liverpool; **White**, 25 casks, Mechanics Nat. Bk., Hamburg; **Oxide** 100 bbls., E. & F. King Co., Hamburg

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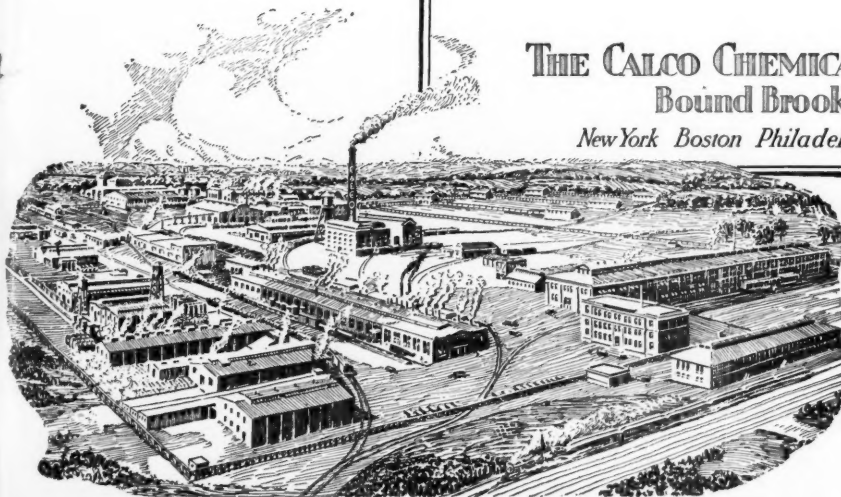
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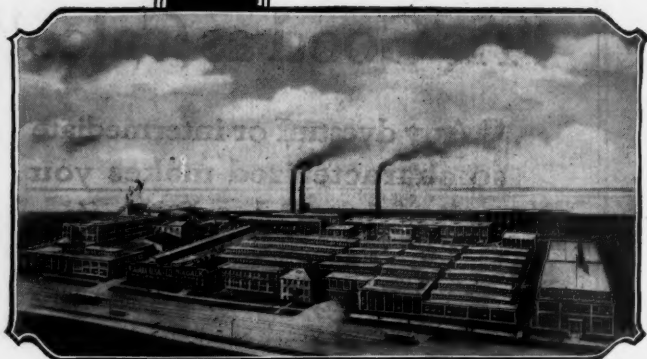
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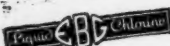
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